

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091724\
 Data File : VD079855.D
 Acq On : 17 Sep 2024 17:02
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 18 04:52:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 18 04:50:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	166931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	168221	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	121237	16.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.800%
7) Chloroethane-d5	2.799	69	108016	18.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	3.911	65	22375	16.978	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.920%
21) 2-Butanone-d5	6.981	46	27308	40.491	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.980%
24) Chloroform-d	7.563	84	114186	20.809	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.240%
26) 1,2-Dichloroethane-d4	8.234	65	60693	21.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	8.199	84	235019	19.789	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	9.210	67	74666	20.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.120%
41) Toluene-d8	10.269	98	214842	20.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.240%
43) trans-1,3-Dichloroprop...	10.528	79	32119	20.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.160%
47) 2-Hexanone-d5	10.875	63	24660	41.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.180%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	57762	21.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	66414	20.805	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57952	18.206	ug/L	96
3) Chloromethane	2.146	50	111163	19.923	ug/L	95
5) Vinyl chloride	2.281	62	136781	20.005	ug/L	99
6) Bromomethane	2.693	94	82907	24.081	ug/L	98
8) Chloroethane	2.834	64	95474	21.135	ug/L	91
9) Trichlorofluoromethane	3.169	101	95709	19.468	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	55433	20.371	ug/L	97
12) 1,1-Dichloroethene	3.940	96	50317	19.853	ug/L	89
13) Acetone	4.022	43	40790	49.609	ug/L	73
14) Carbon disulfide	4.269	76	154366	18.723	ug/L	99
15) Methyl Acetate	4.552	43	12110	9.246	ug/L #	2
16) Methylene chloride	4.805	84	70195	21.281	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	58043	21.478	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	139596	22.962	ug/L	99
19) 1,1-Dichloroethane	6.105	63	122413	22.804	ug/L	92
20) cis-1,2-Dichloroethene	7.075	96	70320	23.632	ug/L	96
22) 2-Butanone	7.081	43	45255	46.920	ug/L	94
23) Bromochloromethane	7.428	128	29441	23.312	ug/L	86
25) Chloroform	7.593	83	124982	22.367	ug/L	95

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 QLast Update : Wed Sep 18 04:50:50 2024
 Response via : Initial Calibration

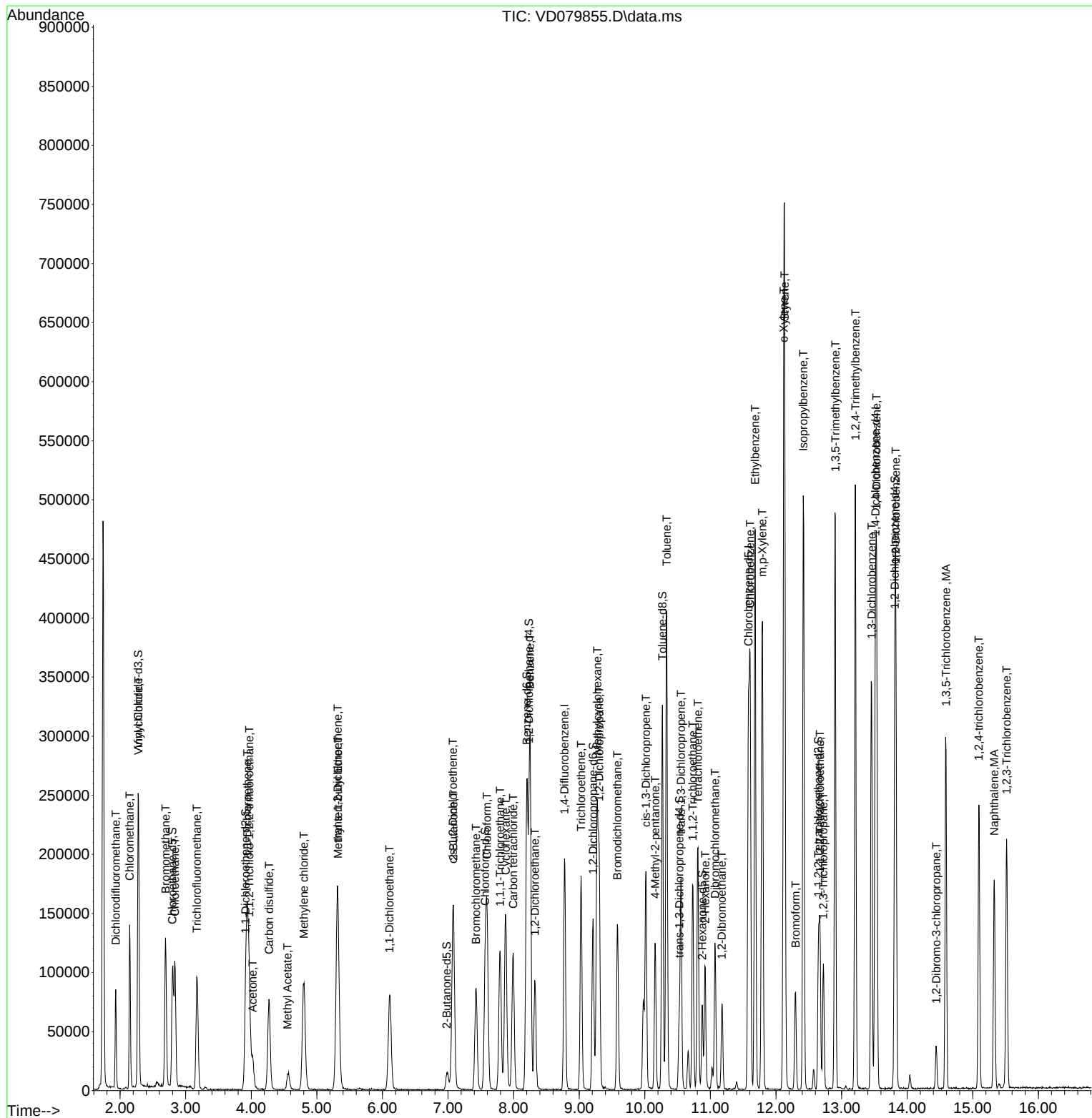
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80177	23.476	ug/L	98
29) Cyclohexane	7.881	56	80813	19.422	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	97630	21.291	ug/L	99
31) Carbon tetrachloride	7.993	117	87679	21.582	ug/L	99
33) Benzene	8.252	78	280984	22.432	ug/L	100
34) Trichloroethene	9.028	95	64124	22.155	ug/L	98
35) Methylcyclohexane	9.275	83	97075	20.783	ug/L	99
37) 1,2-Dichloropropane	9.304	63	79264	23.203	ug/L #	100
38) Bromodichloromethane	9.581	83	91916	23.092	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	117208	24.434	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	83169	46.510	ug/L	100
42) Toluene	10.334	91	311924	23.641	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	101430	23.993	ug/L	99
45) 1,1,2-Trichloroethane	10.728	97	56352	24.145	ug/L	91
46) Tetrachloroethene	10.810	164	45147	22.976	ug/L	98
48) 2-Hexanone	10.922	43	69500	47.781	ug/L	99
49) Dibromochloromethane	11.069	129	60850	23.887	ug/L	88
50) 1,2-Dibromoethane	11.175	107	47074	23.353	ug/L #	91
51) Chlorobenzene	11.604	112	185775	23.461	ug/L	99
52) Ethylbenzene	11.681	91	332995	24.024	ug/L	100
53) m,p-Xylene	11.793	106	125888	23.979	ug/L	98
54) o-Xylene	12.116	106	125410	24.363	ug/L	94
55) Styrene	12.134	104	229857	25.408	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	67599	24.710	ug/L	99
59) Bromoform	12.298	173	34715	23.757	ug/L	98
60) Isopropylbenzene	12.416	105	322594	22.074	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	43462	20.888	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	258000	24.139	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	261330	23.315	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	140762	23.307	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	147232	23.242	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	128995	23.631	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	9833	23.097	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	85089	23.235	ug/L	99
70) 1,2,4-trichlorobenzene	15.092	180	71034	23.038	ug/L	97
71) Naphthalene	15.328	128	152411	22.132	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	63518	23.031	ug/L	94

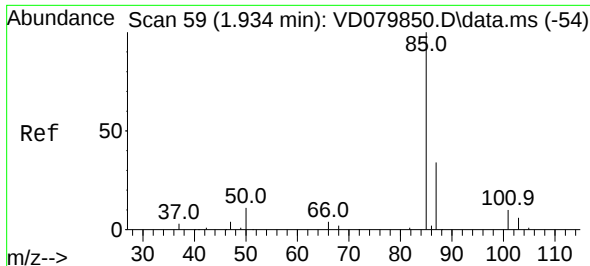
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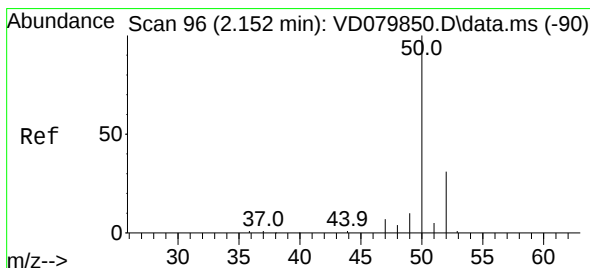
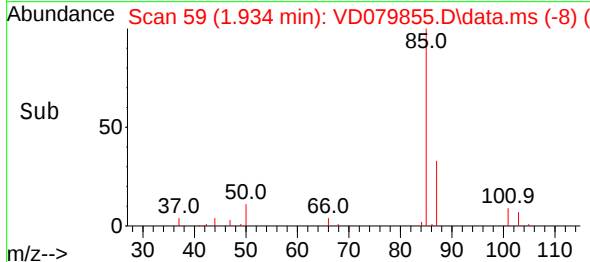
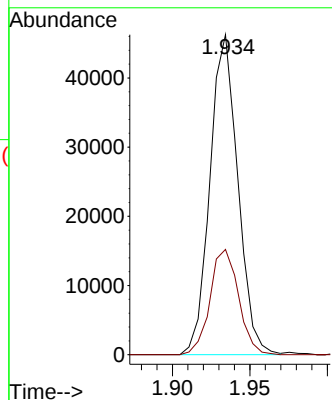
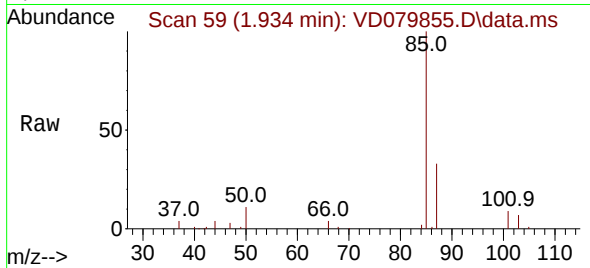




#2
 Dichlorodifluoromethane
 Concen: 18.206 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

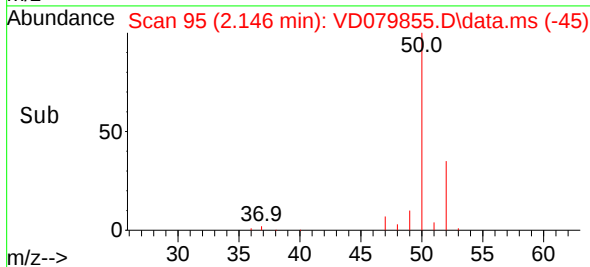
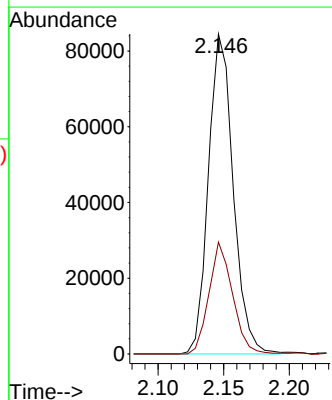
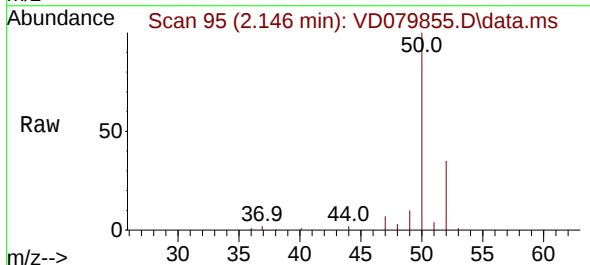
Instrument :
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 ClientSampleId :

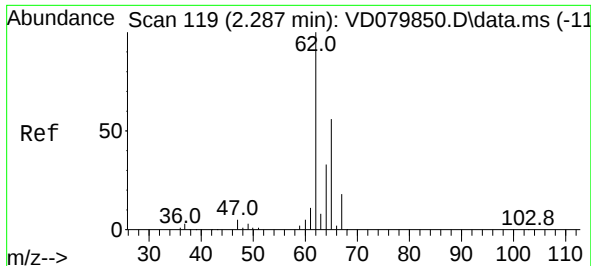
Tgt Ion: 85 Resp: 57952
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.0 37.6



#3
 Chloromethane
 Concen: 19.923 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

Tgt Ion: 50 Resp: 111163
 Ion Ratio Lower Upper
 50 100
 52 35.0 22.4 41.6

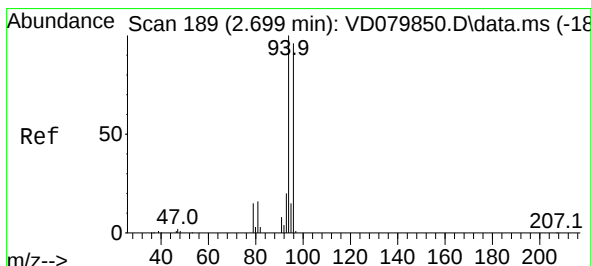
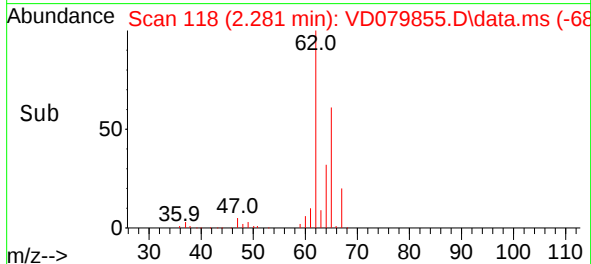
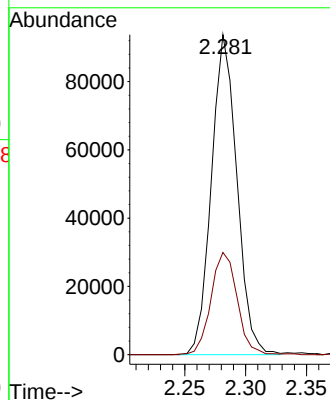
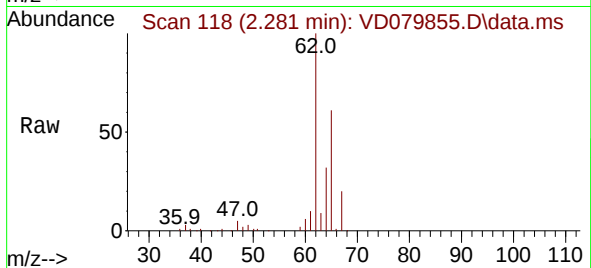




#5
 Vinyl chloride
 Concen: 20.005 ug/L
 RT: 2.281 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

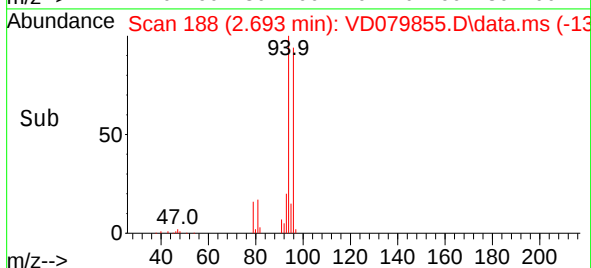
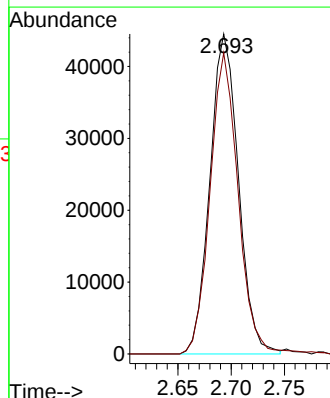
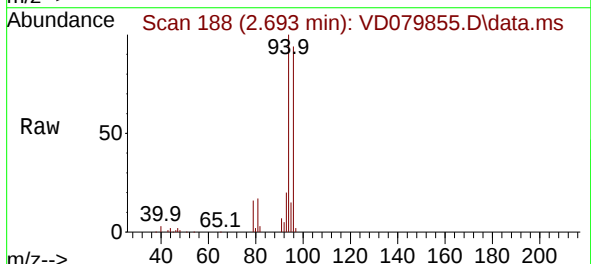
Instrument :
 MSVOA_D
 ClientSampleId :

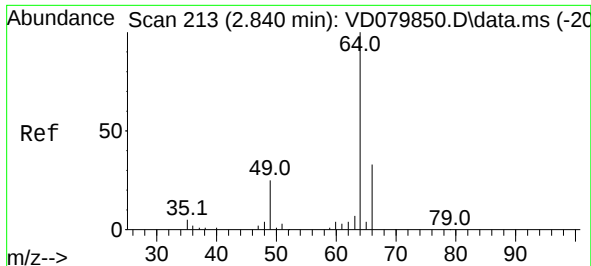
Tgt Ion: 62 Resp: 136781
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.6 42.0



#6
 Bromomethane
 Concen: 24.081 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

Tgt Ion: 94 Resp: 82907
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.3 119.5





#8

Chloroethane

Concen: 21.135 ug/L

RT: 2.834 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

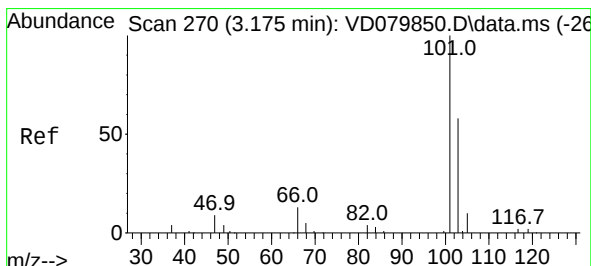
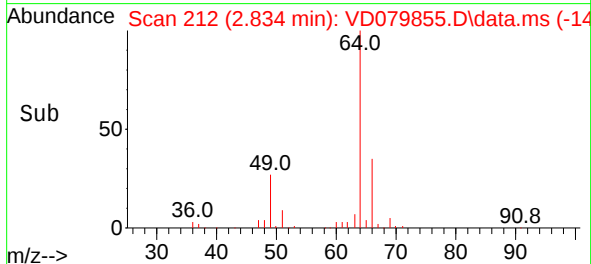
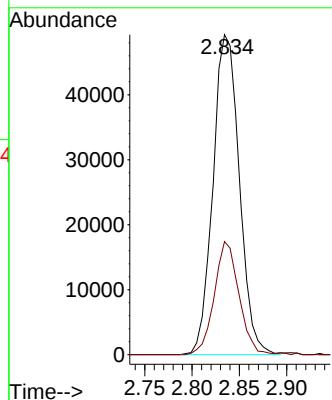
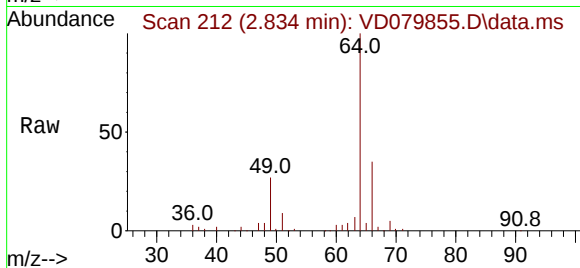
ClientSampleId :

Tgt Ion: 64 Resp: 95474

Ion Ratio Lower Upper

64 100

66 35.3 21.3 39.6



#9

Trichlorofluoromethane

Concen: 19.468 ug/L

RT: 3.169 min Scan# 269

Delta R.T. -0.006 min

Lab File: VD079855.D

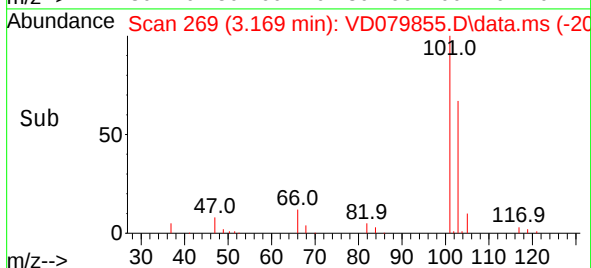
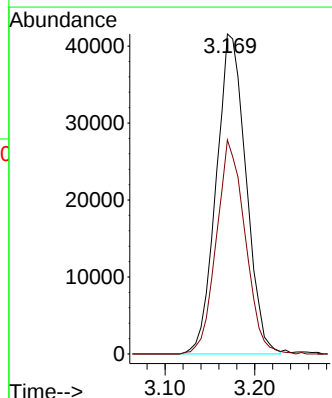
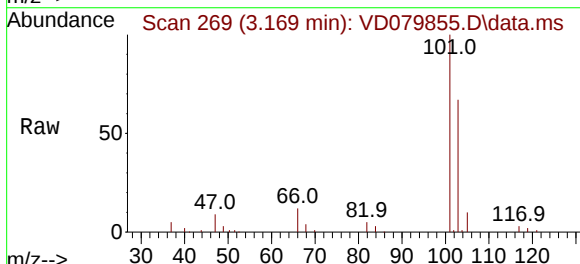
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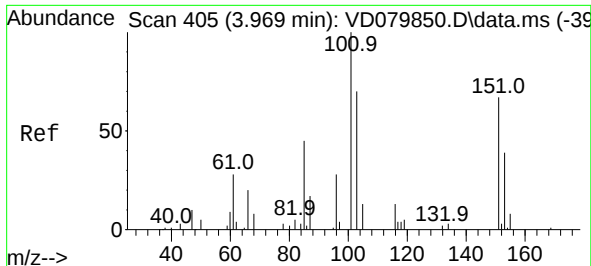
Tgt Ion:101 Resp: 95709

Ion Ratio Lower Upper

101 100

103 64.6 50.5 75.7

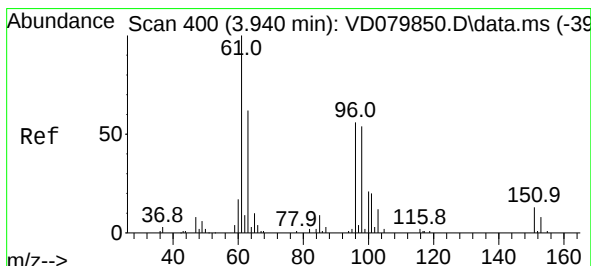
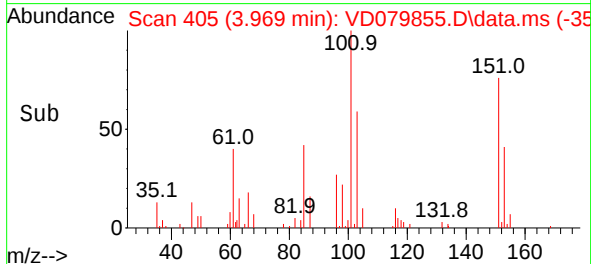
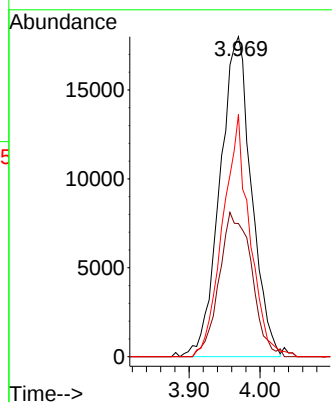
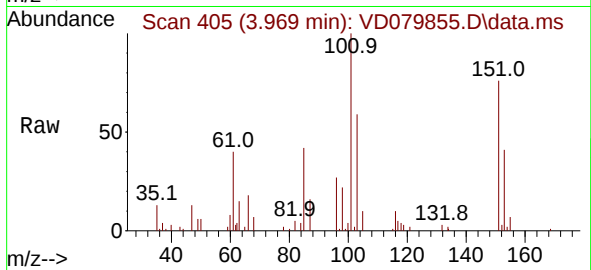




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.371 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

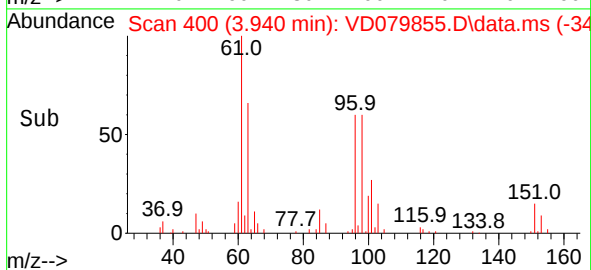
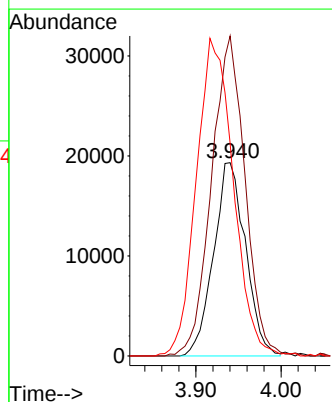
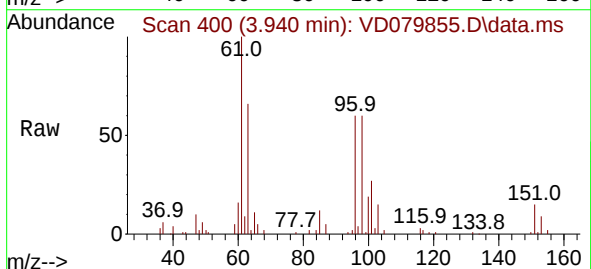
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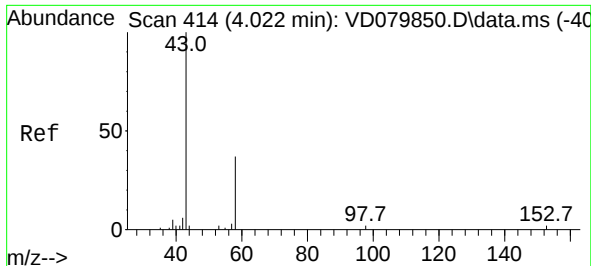
Tgt Ion:101 Resp: 55433
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.8 56.8
 151 64.9 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 19.853 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

Tgt Ion: 96 Resp: 50317
 Ion Ratio Lower Upper
 96 100
 61 165.5 119.8 222.4
 63 110.0 93.9 174.3





#13

Acetone

Concen: 49.609 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

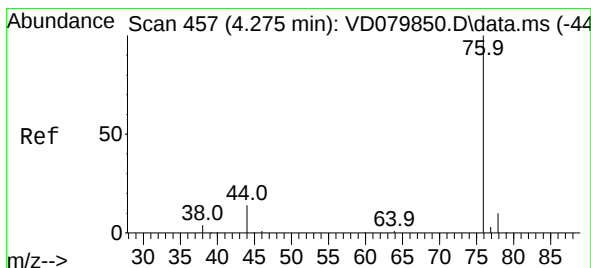
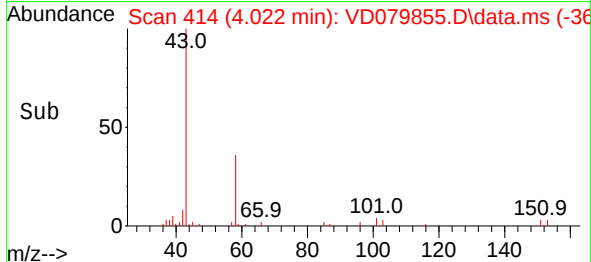
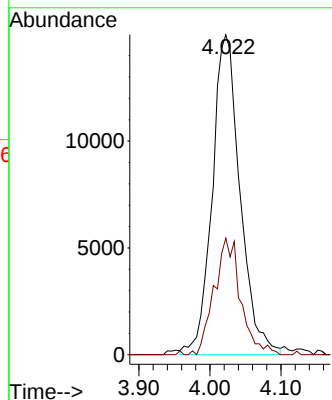
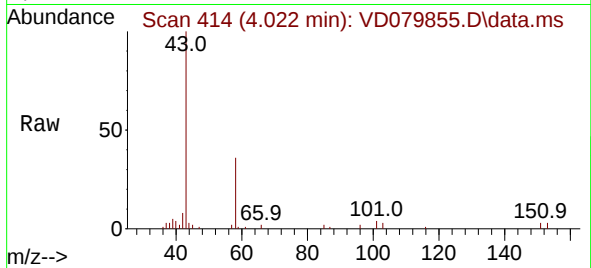
ClientSampleId :

Tgt Ion: 43 Resp: 40790

Ion Ratio Lower Upper

43 100

58 21.5 0.0 75.8



#14

Carbon disulfide

Concen: 18.723 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079855.D

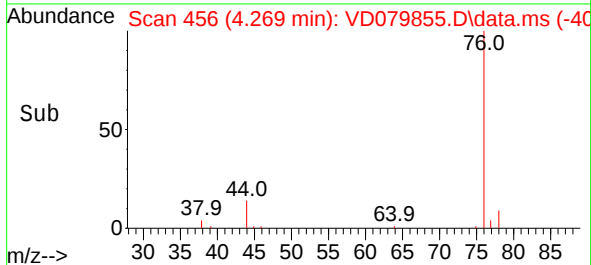
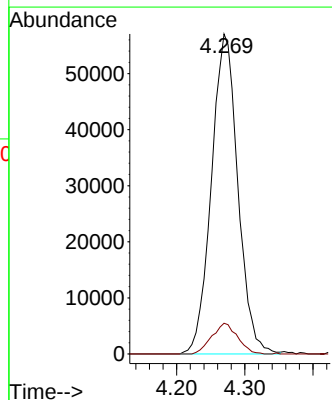
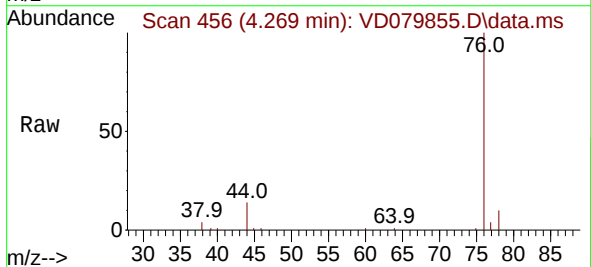
Acq: 17 Sep 2024 17:02

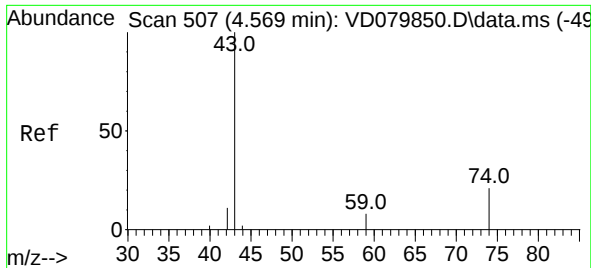
Tgt Ion: 76 Resp: 154366

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9





#15

Methyl Acetate

Concen: 9.246 ug/L

RT: 4.552 min Scan# 507

Delta R.T. -0.017 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

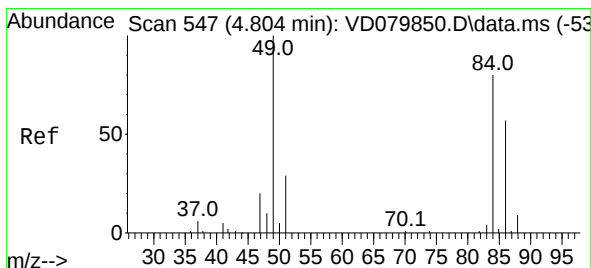
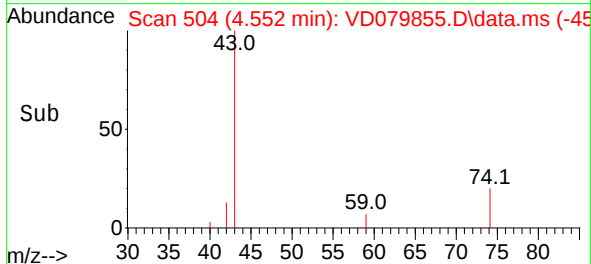
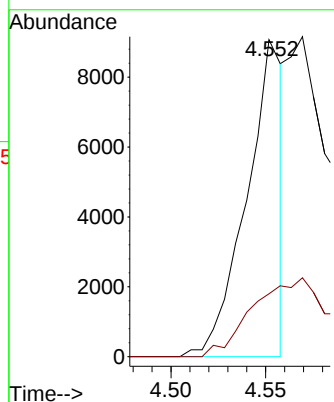
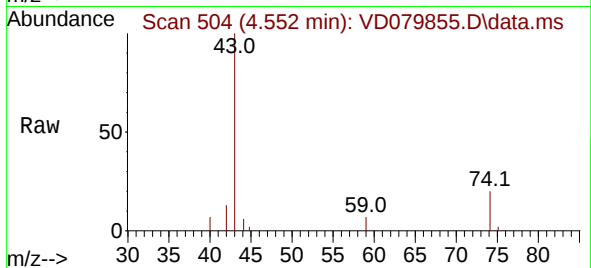
ClientSampleId :

Tgt Ion: 43 Resp: 12110

Ion Ratio Lower Upper

43 100

74 55.6 11.9 17.9#



#16

Methylene chloride

Concen: 21.281 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

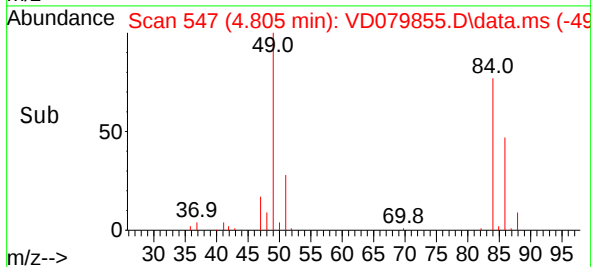
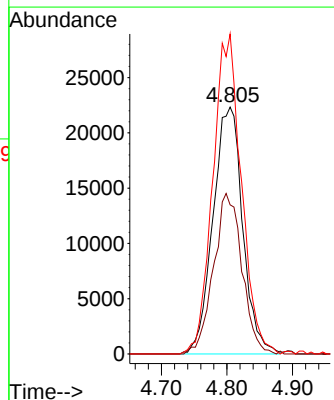
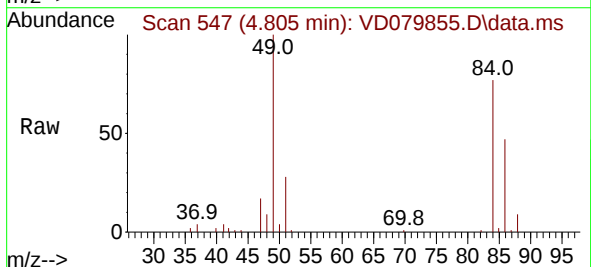
Tgt Ion: 84 Resp: 70195

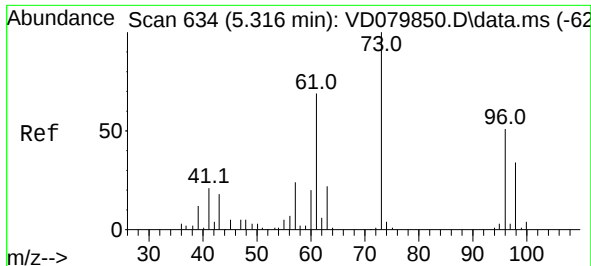
Ion Ratio Lower Upper

84 100

86 60.4 41.0 76.2

49 129.6 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 21.478 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

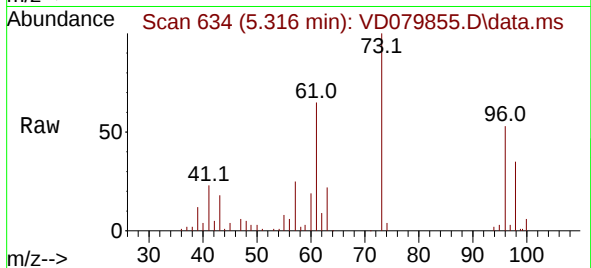
Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :



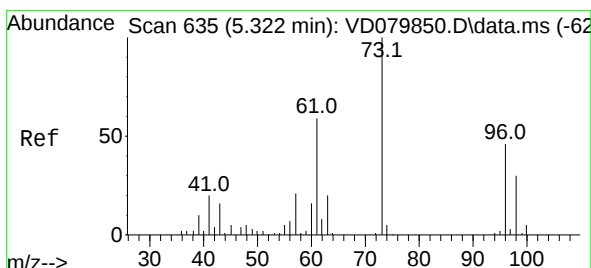
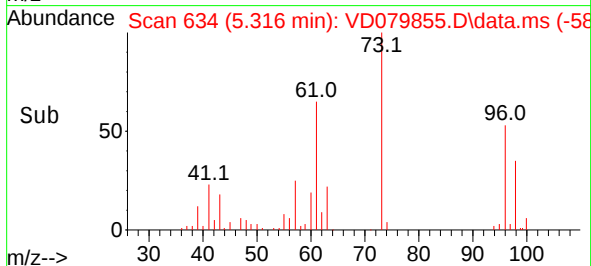
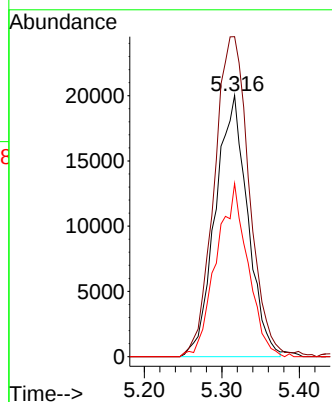
Tgt Ion: 96 Resp: 58043

Ion Ratio Lower Upper

96 100

61 122.5 88.7 164.7

98 66.3 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 22.962 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

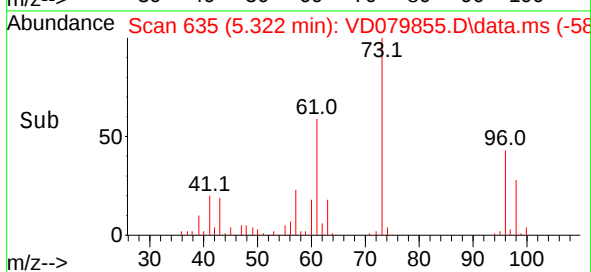
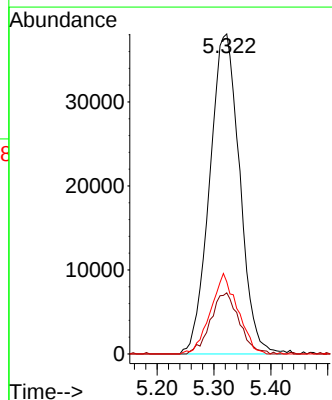
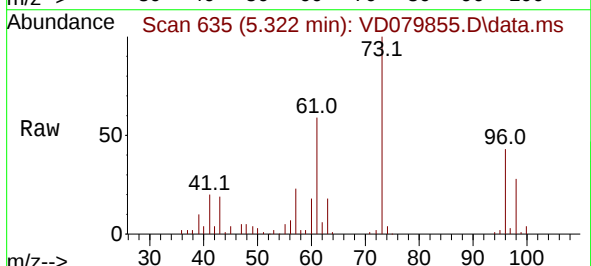
Tgt Ion: 73 Resp: 139596

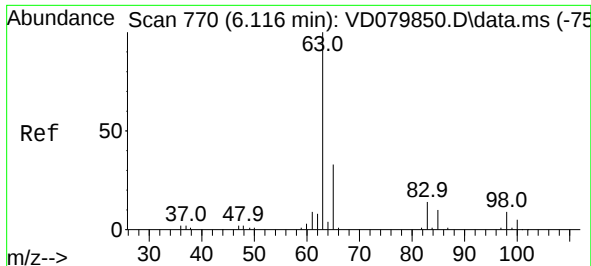
Ion Ratio Lower Upper

73 100

43 18.3 14.5 21.7

57 22.8 18.8 28.2

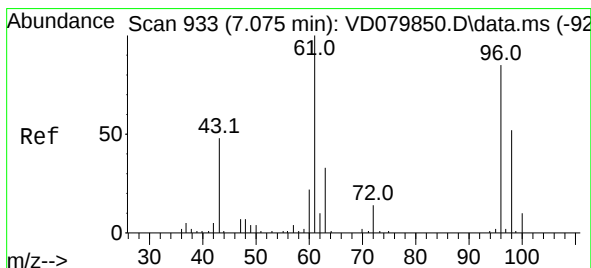
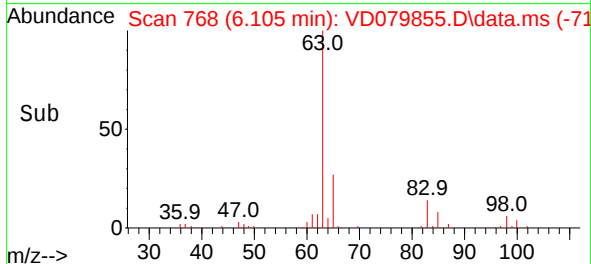
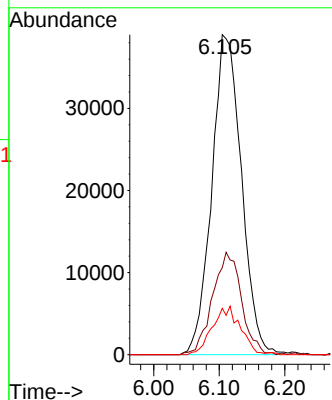
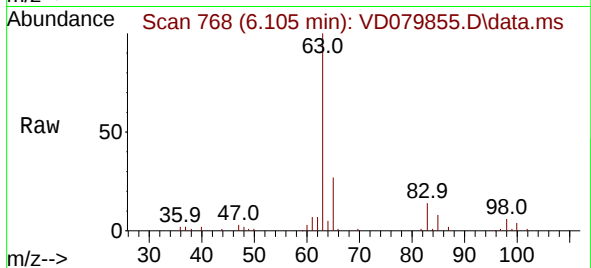




#19
1,1-Dichloroethane
Concen: 22.804 ug/L
RT: 6.105 min Scan# 770
Delta R.T. -0.011 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

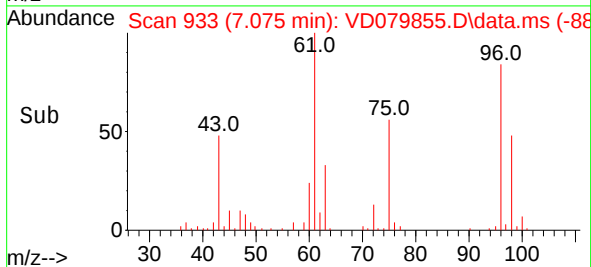
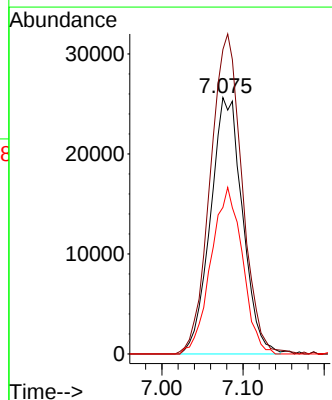
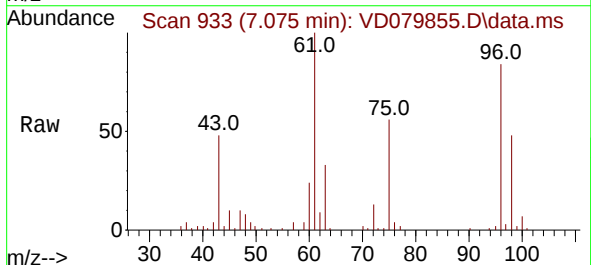
Instrument :
MSVOA_D
ClientSampleId :

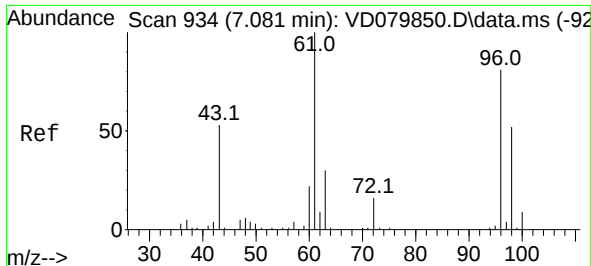
Tgt Ion: 63 Resp: 122413
Ion Ratio Lower Upper
63 100
65 27.2 22.6 42.0
83 14.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.632 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion: 96 Resp: 70320
Ion Ratio Lower Upper
96 100
61 118.8 83.8 155.6
98 57.1 45.9 85.3

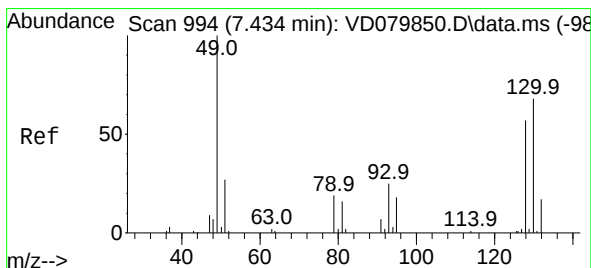
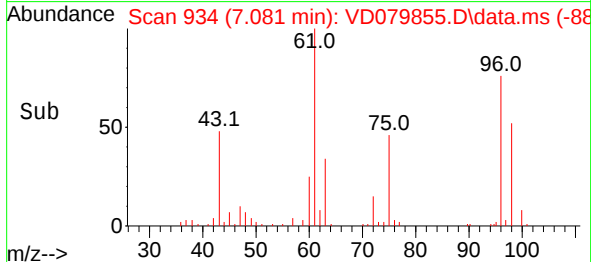
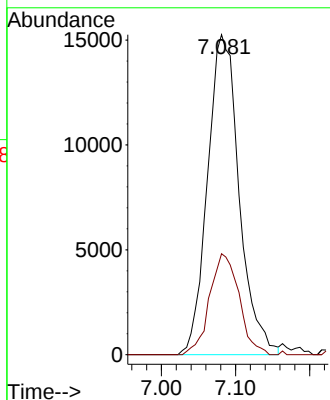
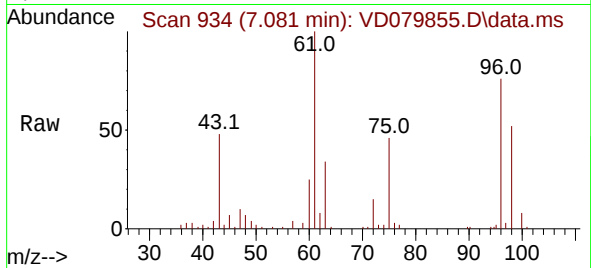




#22
2-Butanone
Concen: 46.920 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

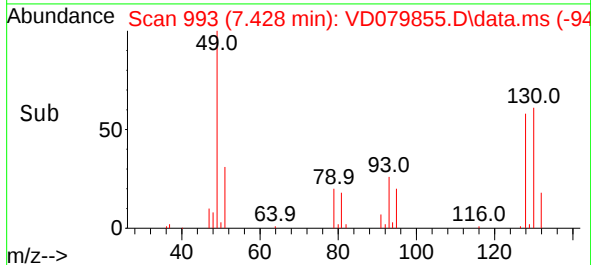
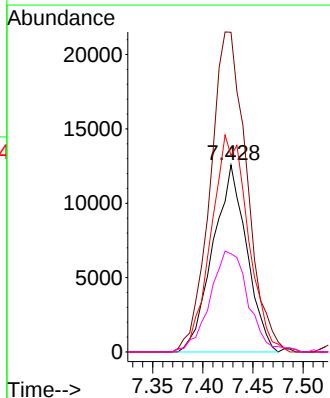
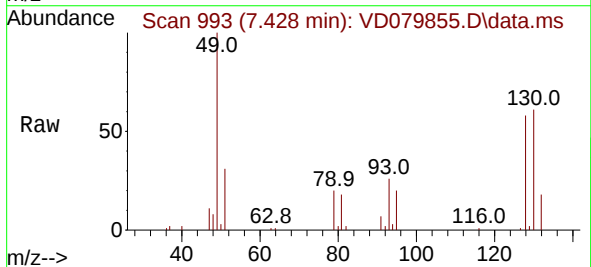
Instrument :
MSVOA_D
ClientSampleId :

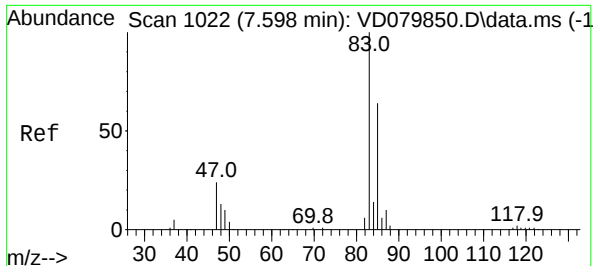
Tgt Ion: 43 Resp: 45255
Ion Ratio Lower Upper
43 100
72 29.4 13.1 39.3



#23
Bromochloromethane
Concen: 23.312 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion:128 Resp: 29441
Ion Ratio Lower Upper
128 100
49 171.2 132.3 245.7
130 105.2 89.4 166.0
51 52.6 46.2 69.4

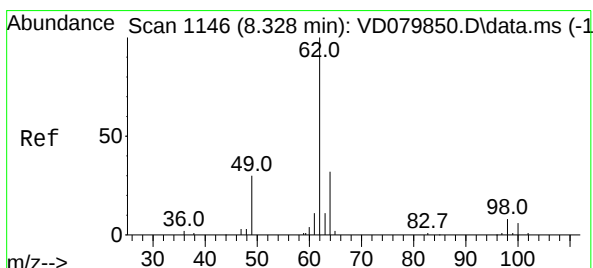
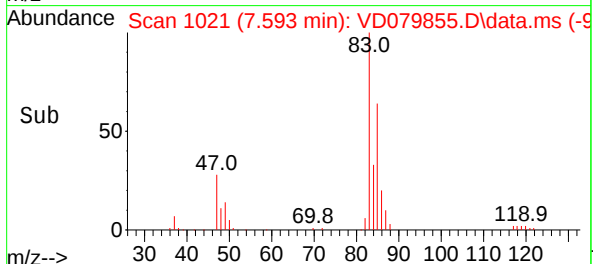
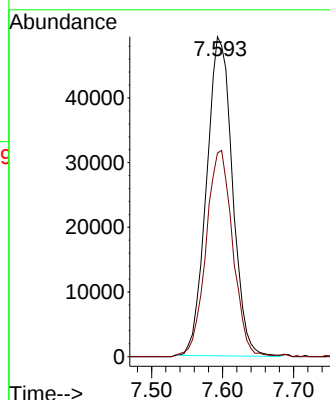
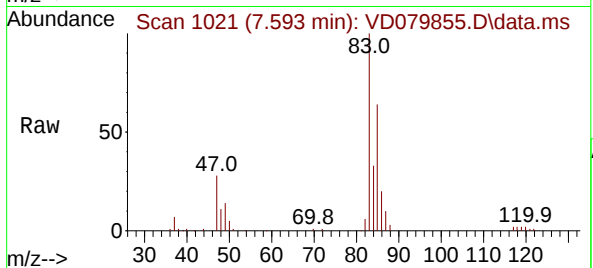




#25
Chloroform
Concen: 22.367 ug/L
RT: 7.593 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

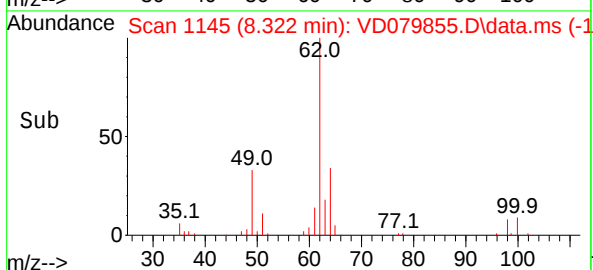
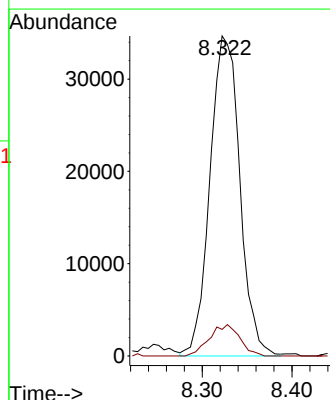
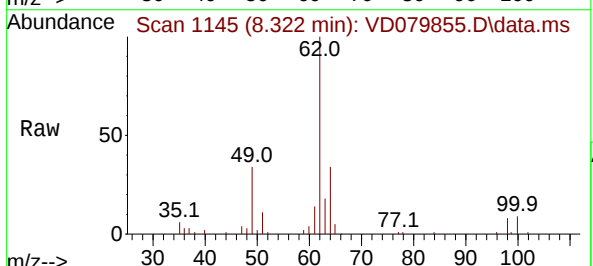
Instrument :
MSVOA_D
ClientSampleId :

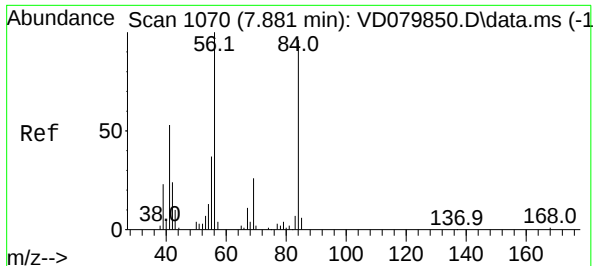
Tgt Ion: 83 Resp: 124982
Ion Ratio Lower Upper
83 100
85 63.7 47.3 87.9



#27
1,2-Dichloroethane
Concen: 23.476 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

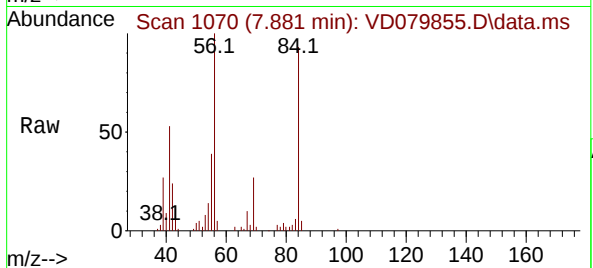
Tgt Ion: 62 Resp: 80177
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3



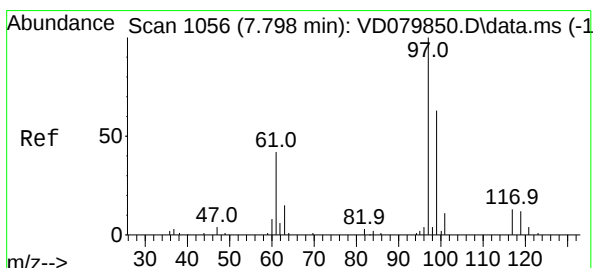
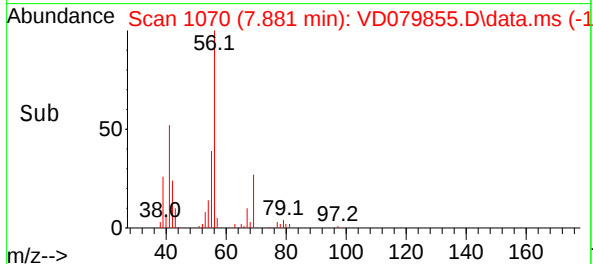
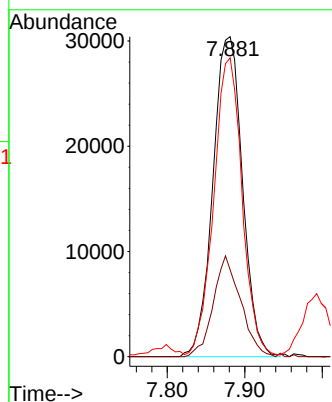


#29
Cyclohexane
Concen: 19.422 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Instrument :
MSVOA_D
ClientSampleId :

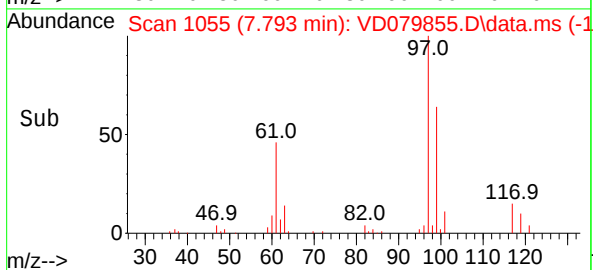
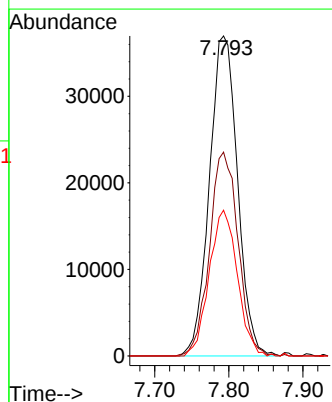
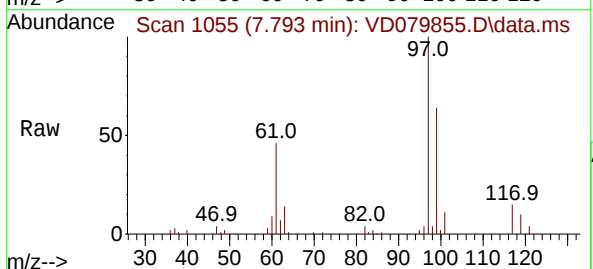


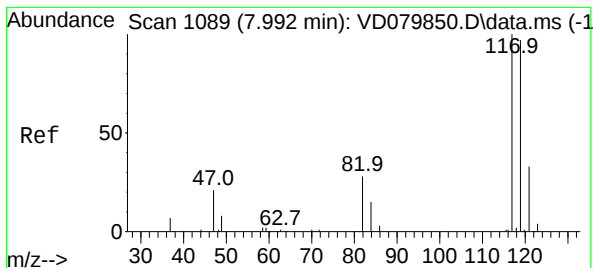
Tgt Ion: 56 Resp: 80813
Ion Ratio Lower Upper
56 100
69 29.1 22.8 34.2
84 89.7 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 21.291 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion: 97 Resp: 97630
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 45.5 35.4 53.2





#31

Carbon tetrachloride

Concen: 21.582 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

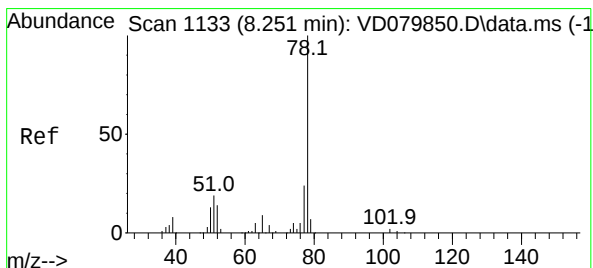
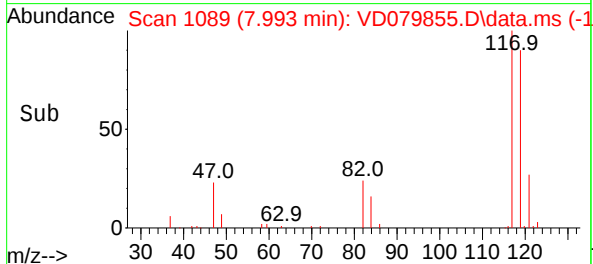
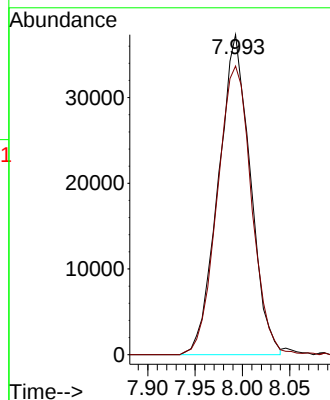
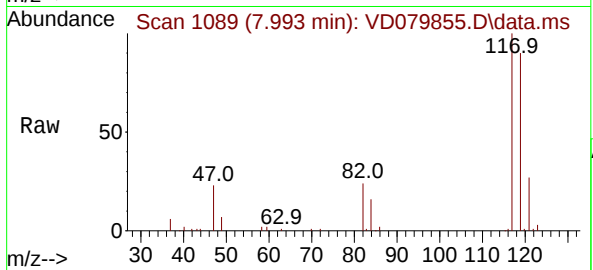
ClientSampleId :

Tgt Ion:117 Resp: 87679

Ion Ratio Lower Upper

117 100

119 96.4 76.0 114.0



#33

Benzene

Concen: 22.432 ug/L

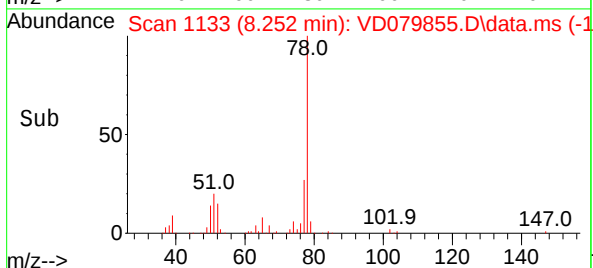
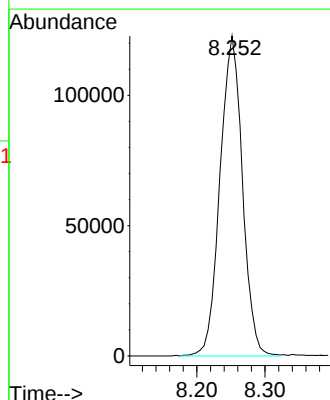
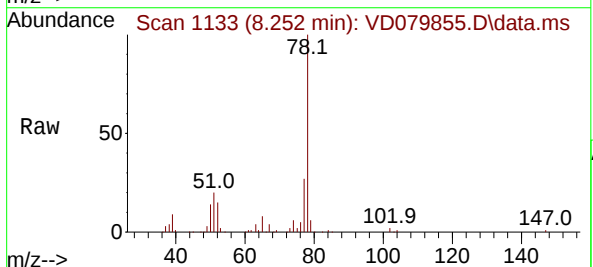
RT: 8.252 min Scan# 1133

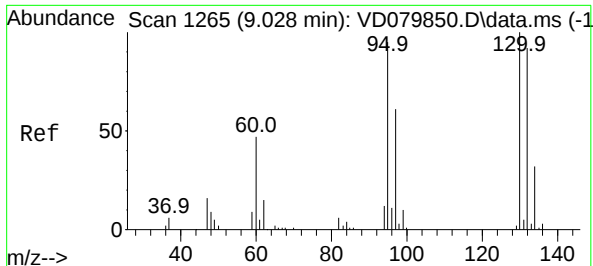
Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Tgt Ion: 78 Resp: 280984





#34

Trichloroethene

Concen: 22.155 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 64124

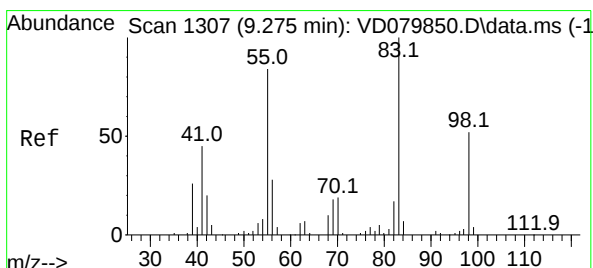
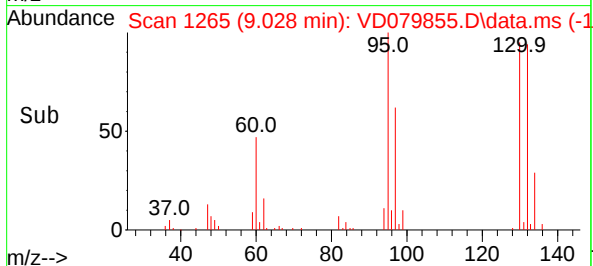
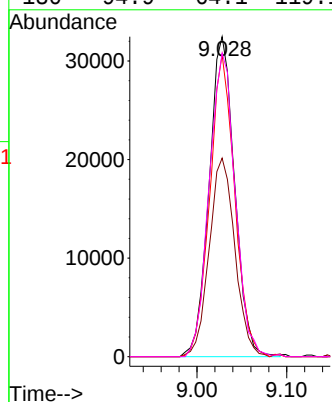
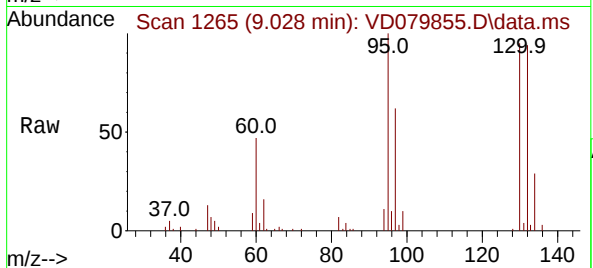
Ion Ratio Lower Upper

95 100

97 62.0 43.5 80.7

132 94.3 64.5 119.7

130 94.9 64.1 119.1



#35

Methylcyclohexane

Concen: 20.783 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

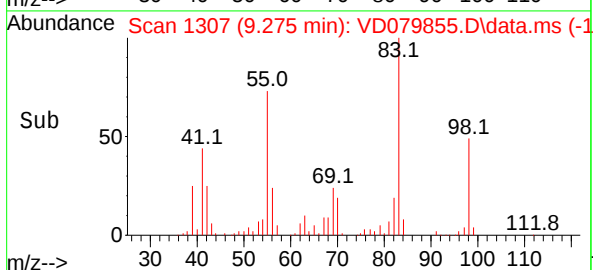
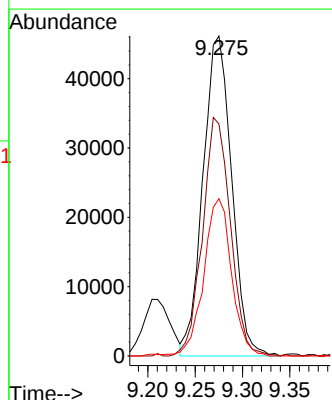
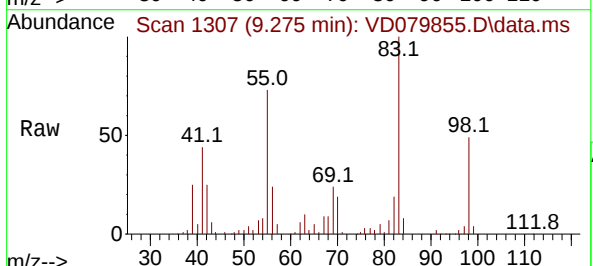
Tgt Ion: 83 Resp: 97075

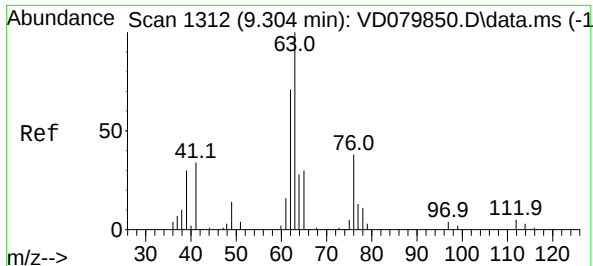
Ion Ratio Lower Upper

83 100

55 72.6 58.9 88.3

98 47.9 38.6 58.0

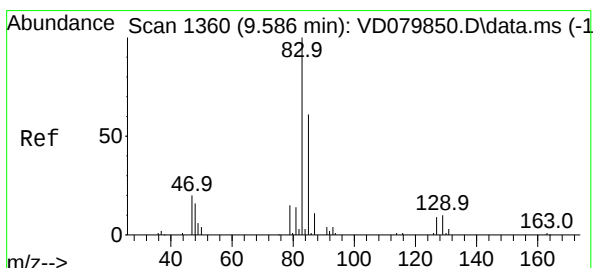
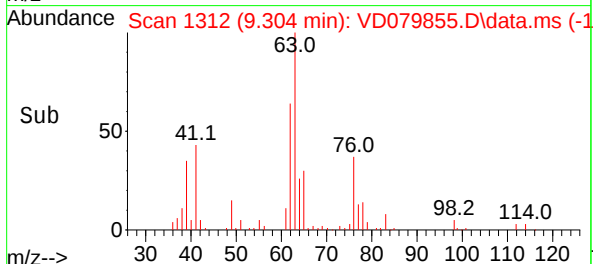
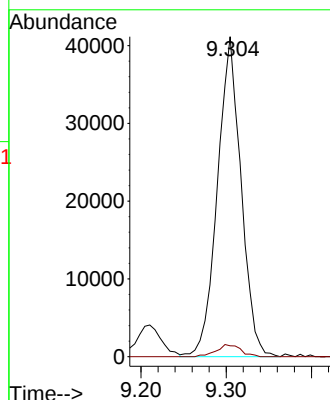
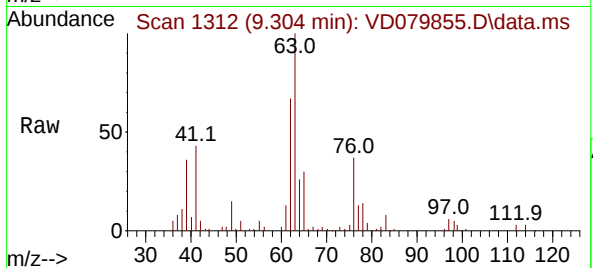




#37
1,2-Dichloropropane
Concen: 23.203 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

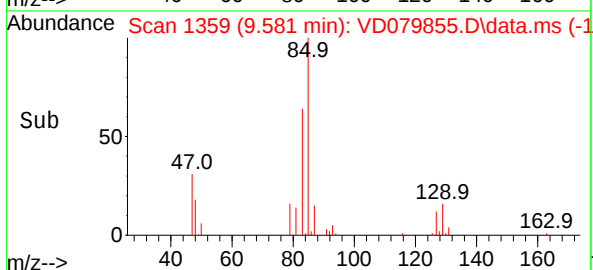
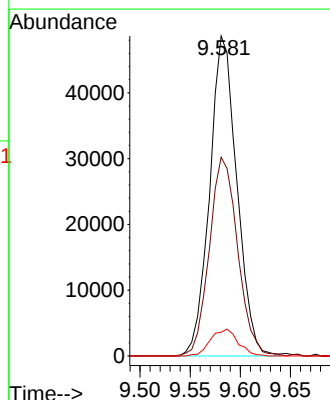
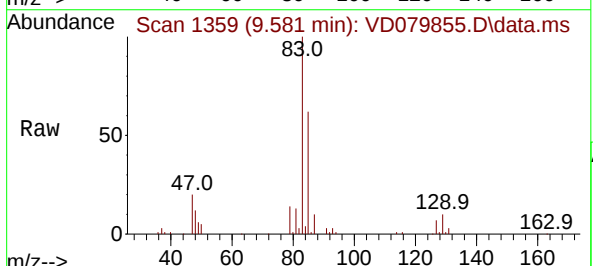
Instrument :
MSVOA_D
ClientSampleId :

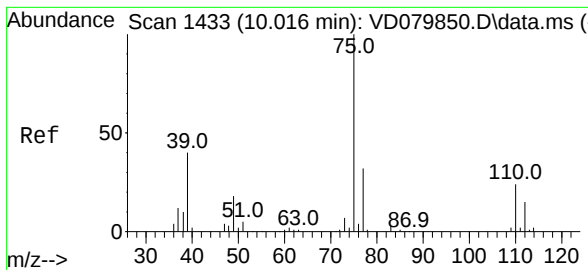
Tgt Ion: 63 Resp: 79264
Ion Ratio Lower Upper
63 100
112 3.8 0.0 0.0#



#38
Bromodichloromethane
Concen: 23.092 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion: 83 Resp: 91916
Ion Ratio Lower Upper
83 100
85 62.1 45.9 85.3
127 7.4 6.7 10.1

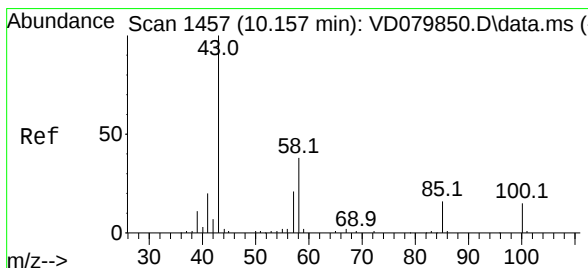
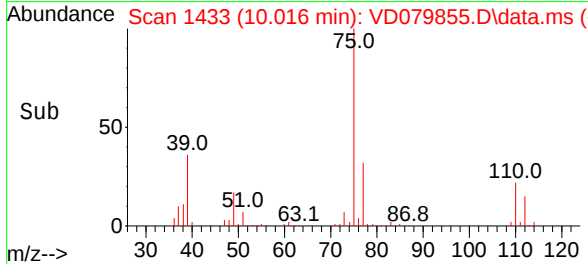
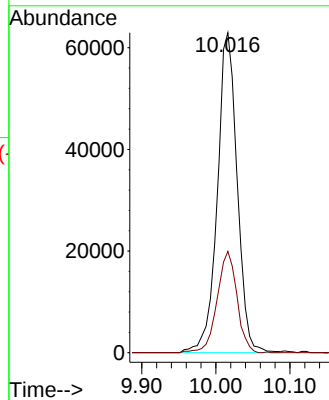
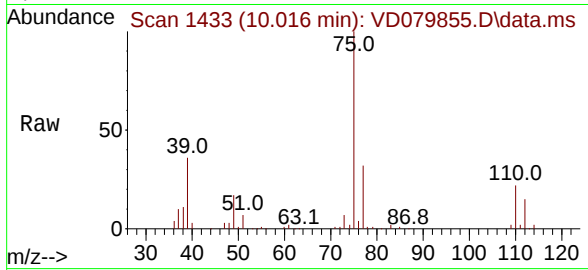




#39
 cis-1,3-Dichloropropene
 Concen: 24.434 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

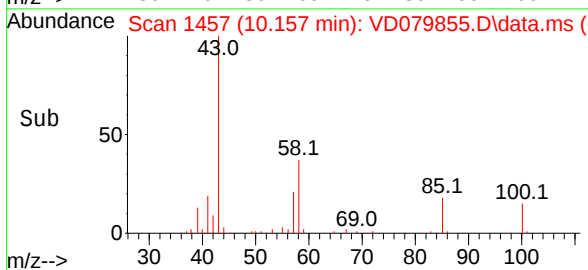
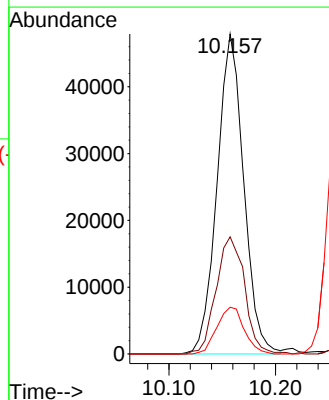
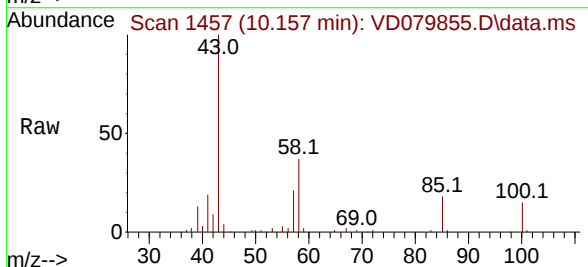
Instrument :
 MSVOA_D
 ClientSampleId :

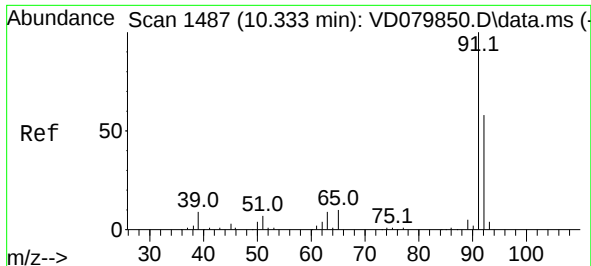
Tgt Ion: 75 Resp: 117208
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 46.510 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079855.D
 Acq: 17 Sep 2024 17:02

Tgt Ion: 43 Resp: 83169
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.1 46.7
 100 15.0 11.8 17.6

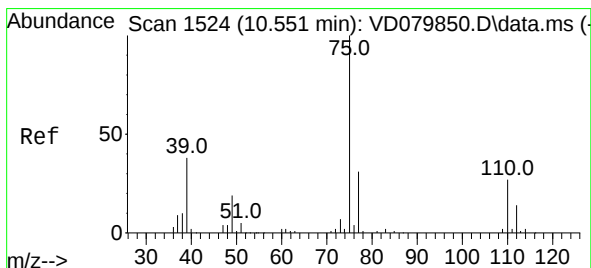
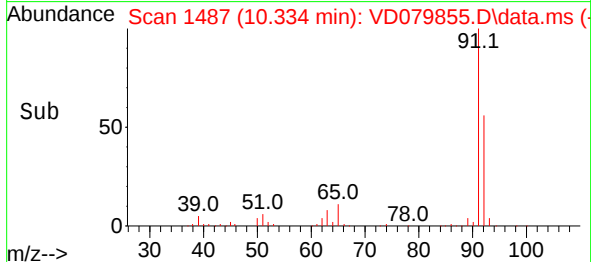
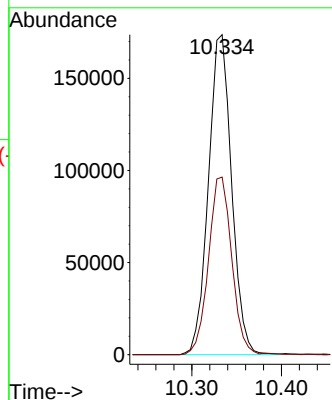
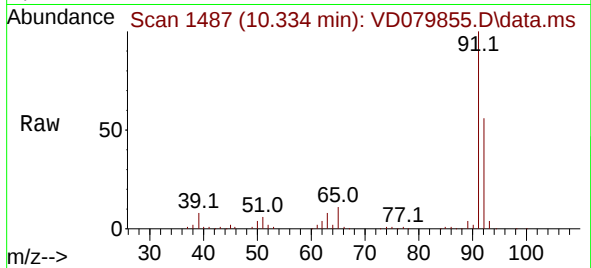




#42
Toluene
Concen: 23.641 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

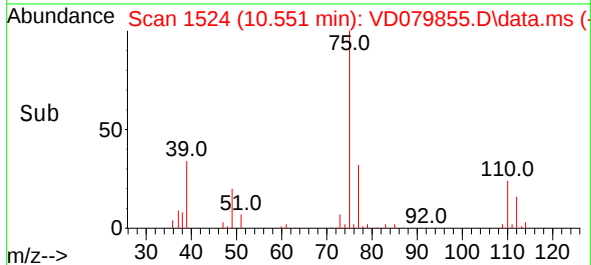
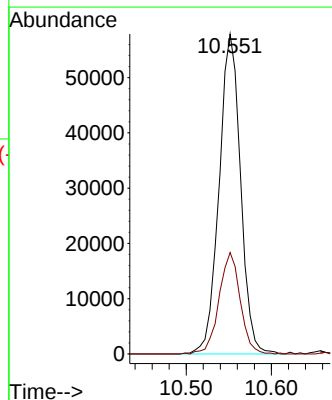
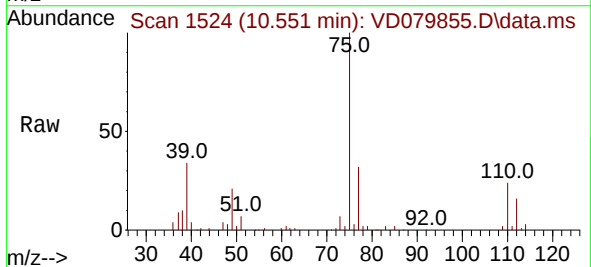
Instrument :
MSVOA_D
ClientSampleId :

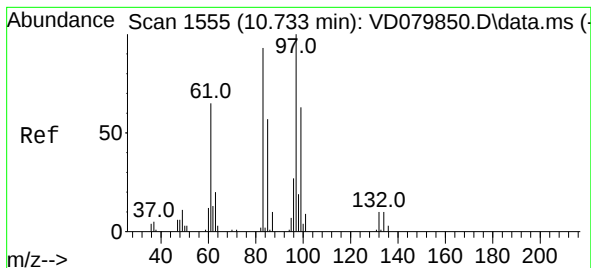
Tgt Ion: 91 Resp: 311924
Ion Ratio Lower Upper
91 100
92 55.5 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 23.993 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion: 75 Resp: 101430
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.145 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

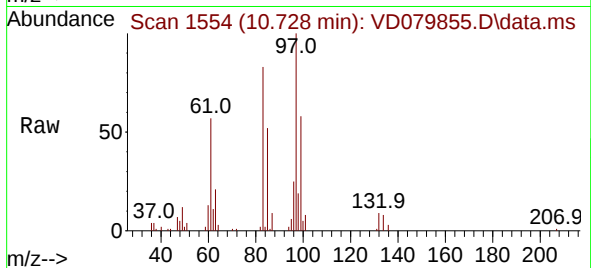
Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 56352

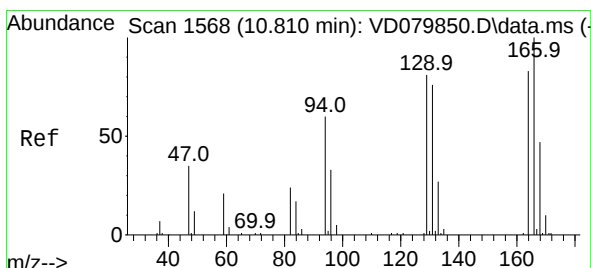
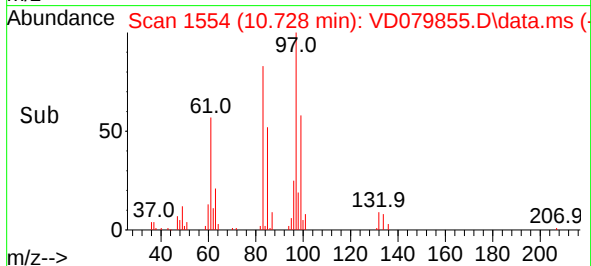
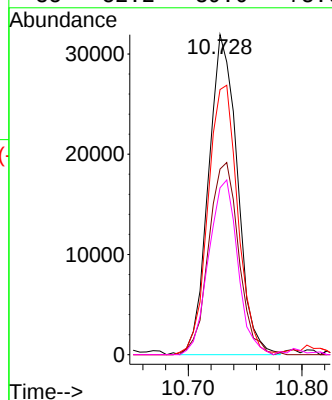
Ion Ratio Lower Upper

97 100

99 58.0 45.1 83.7

83 82.9 65.2 121.0

85 52.2 39.6 73.6



#46

Tetrachloroethene

Concen: 22.976 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Tgt Ion:164 Resp: 45147

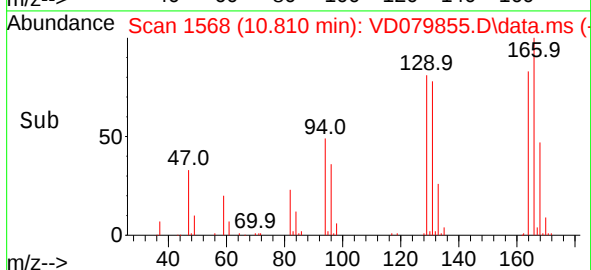
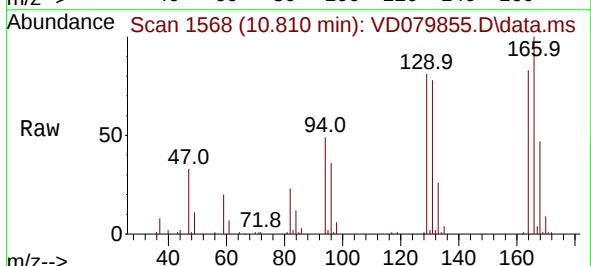
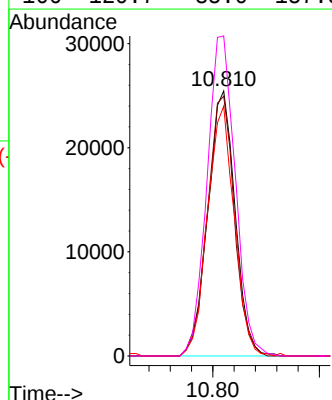
Ion Ratio Lower Upper

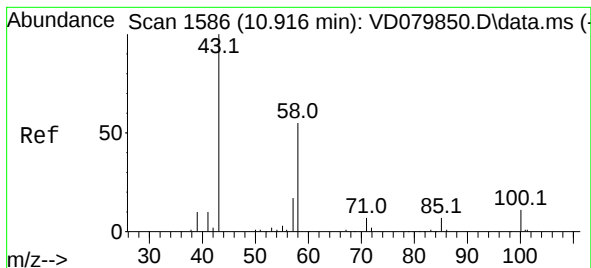
164 100

129 98.1 68.7 127.5

131 94.2 62.5 116.1

166 120.7 85.0 157.8





#48

2-Hexanone

Concen: 47.781 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

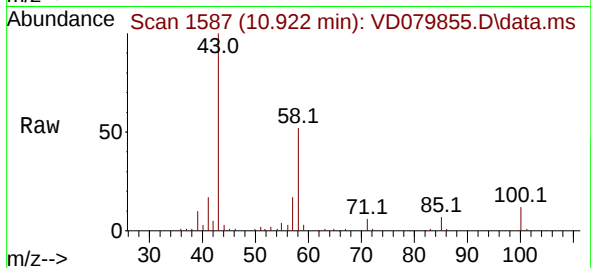
Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 69500

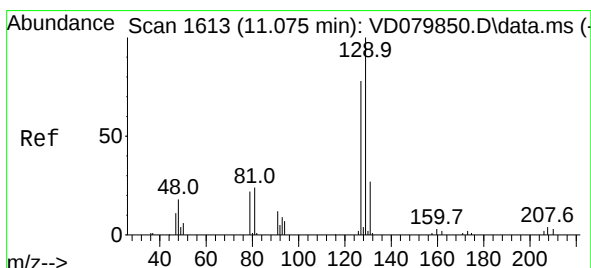
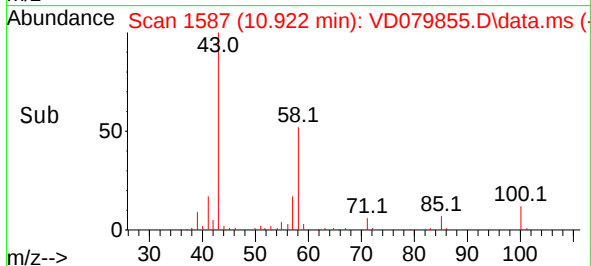
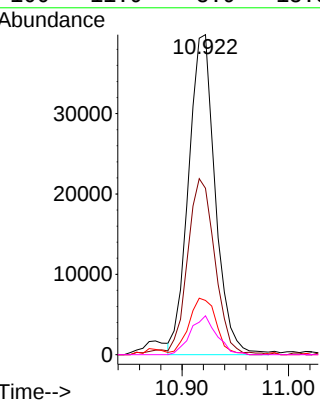
Ion Ratio Lower Upper

43 100

58 55.8 44.7 67.1

57 18.1 13.6 20.4

100 11.9 8.9 13.3



#49

Dibromochloromethane

Concen: 23.887 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079855.D

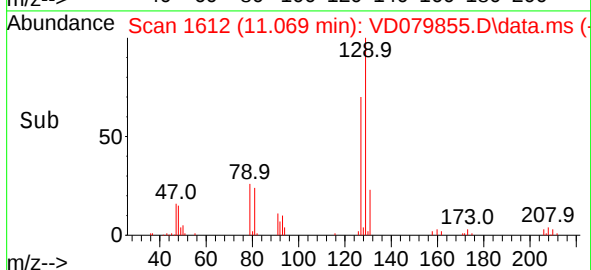
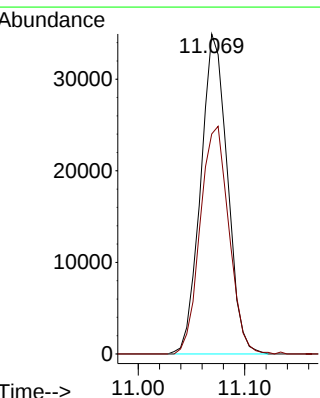
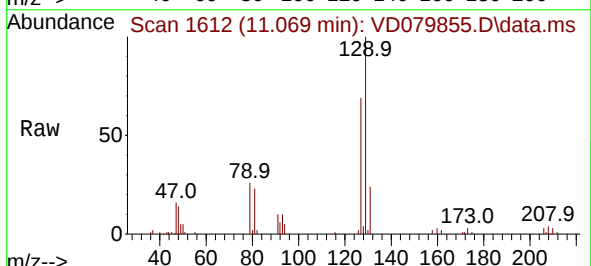
Acq: 17 Sep 2024 17:02

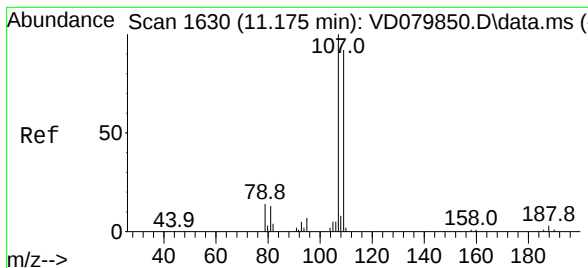
Tgt Ion:129 Resp: 60850

Ion Ratio Lower Upper

129 100

127 68.7 55.2 102.6





#50

1,2-Dibromoethane

Concen: 23.353 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079855.D

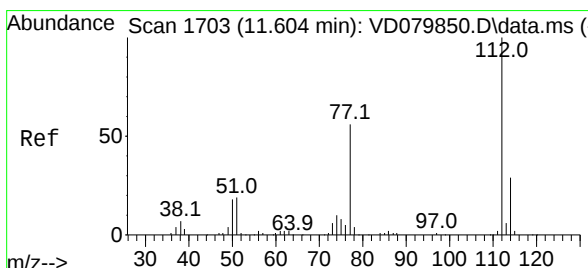
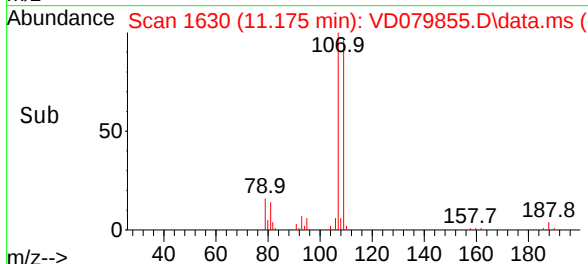
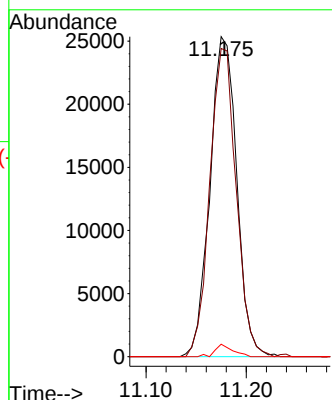
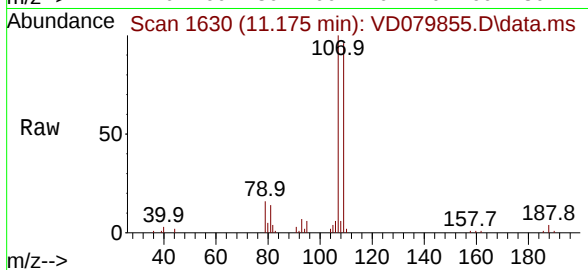
Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	47074
Ion	Ratio	Lower	Upper
107	100		
109	96.3	61.5	114.1
188	3.9	2.3	3.5#



#51

Chlorobenzene

Concen: 23.461 ug/L

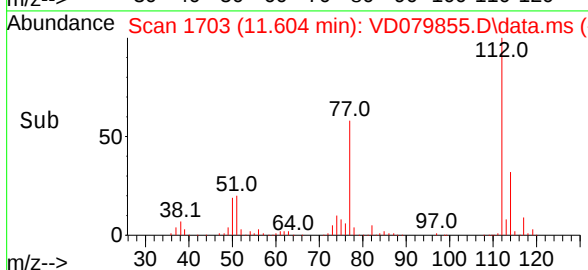
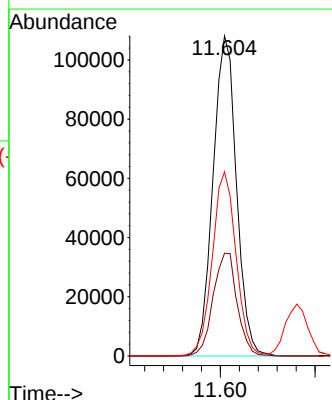
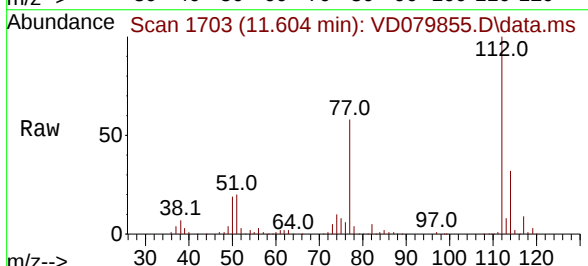
RT: 11.604 min Scan# 1703

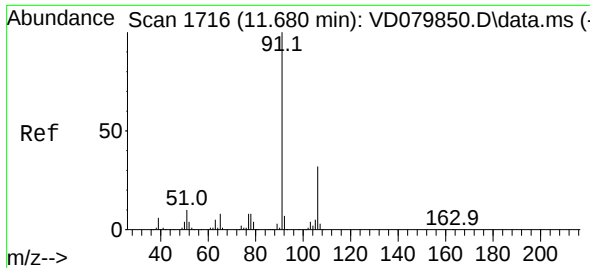
Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Tgt Ion:	112	Resp:	185775
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	41.0
77	57.6	46.7	70.1

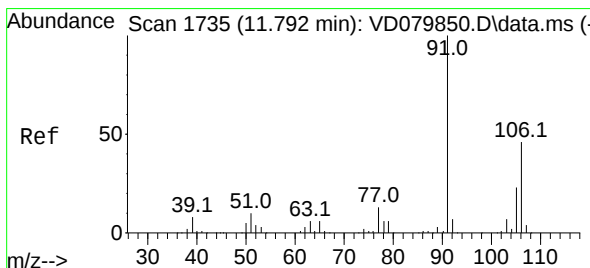
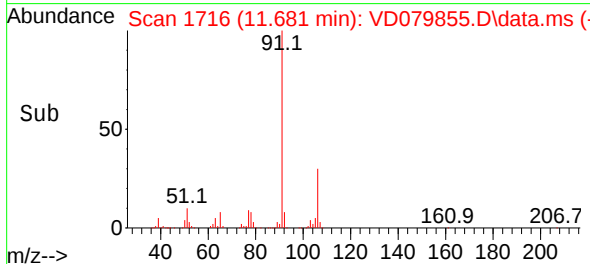
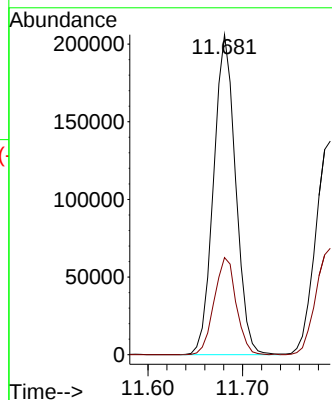
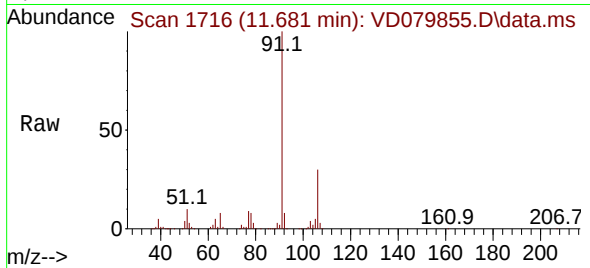




#52
Ethylbenzene
Concen: 24.024 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

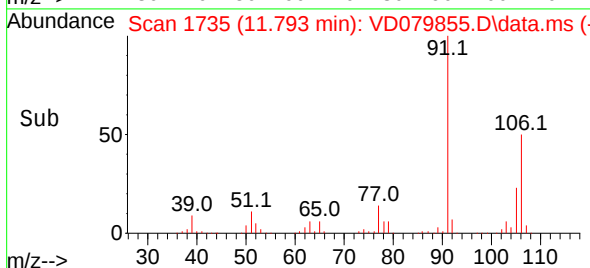
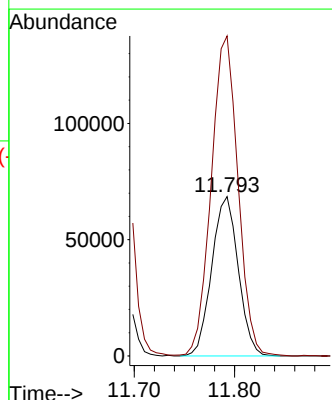
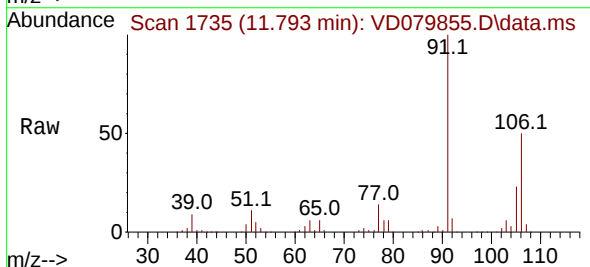
Instrument :
MSVOA_D
ClientSampleId :

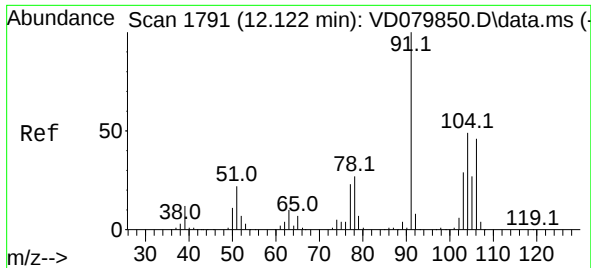
Tgt Ion: 91 Resp: 332995
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 23.979 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion:106 Resp: 125888
Ion Ratio Lower Upper
106 100
91 200.9 138.3 256.9

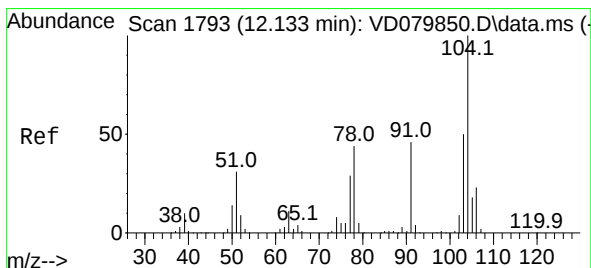
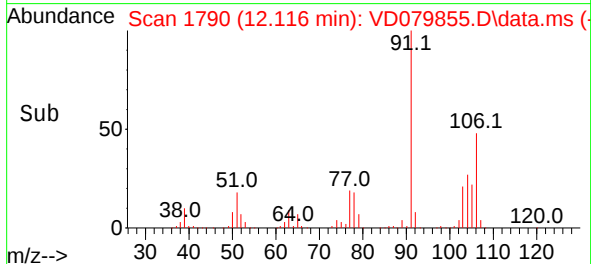
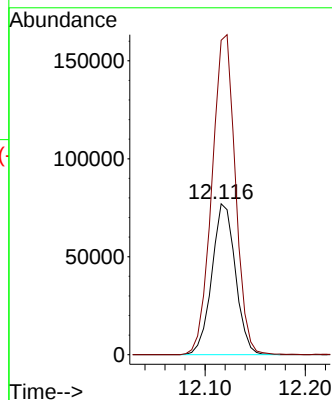
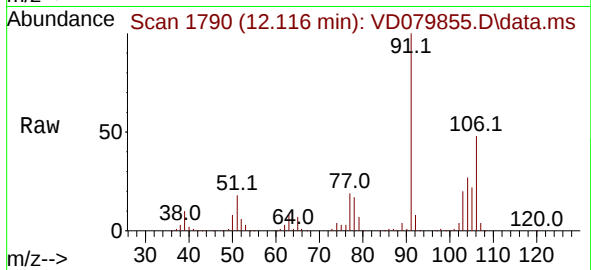




#54
o-Xylene
Concen: 24.363 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

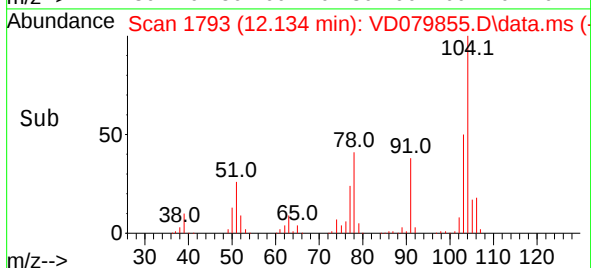
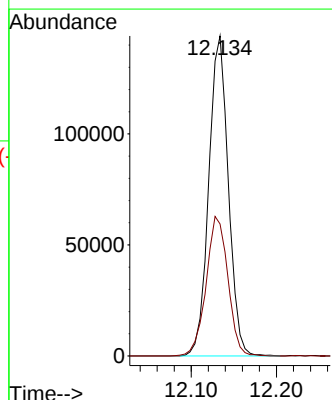
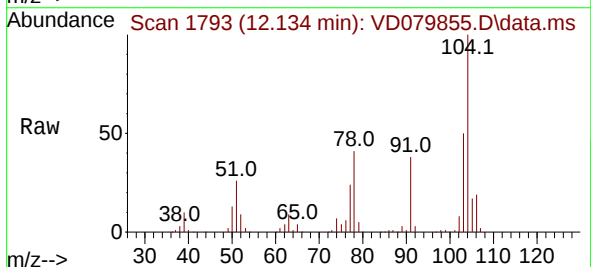
Instrument :
MSVOA_D
ClientSampleId :

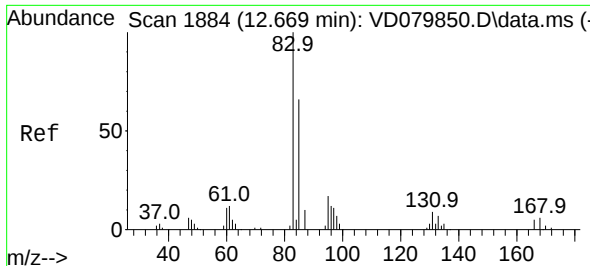
Tgt Ion:106 Resp: 125410
Ion Ratio Lower Upper
106 100
91 208.4 152.6 283.4



#55
Styrene
Concen: 25.408 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion:104 Resp: 229857
Ion Ratio Lower Upper
104 100
78 41.3 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.710 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :

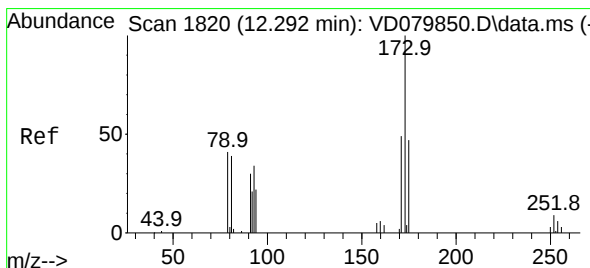
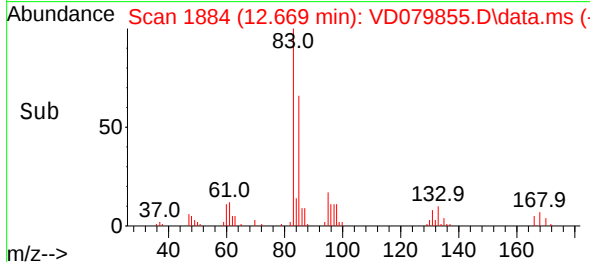
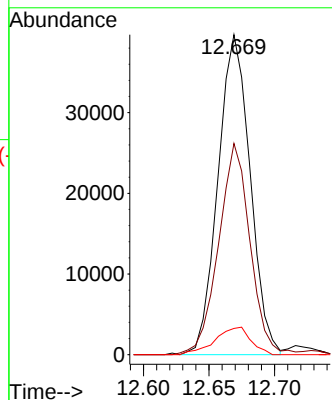
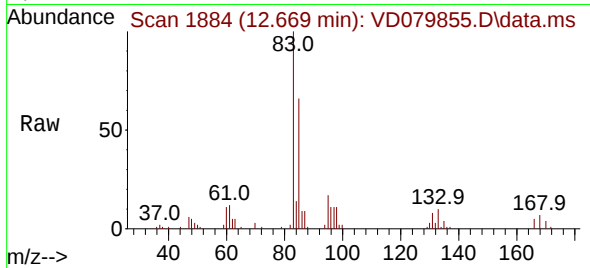
Tgt Ion: 83 Resp: 67599

Ion Ratio Lower Upper

83 100

85 66.0 46.8 87.0

131 8.2 6.5 9.7



#59

Bromoform

Concen: 23.757 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

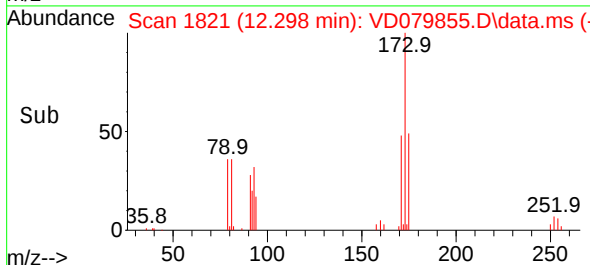
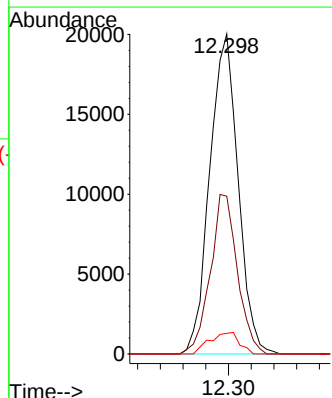
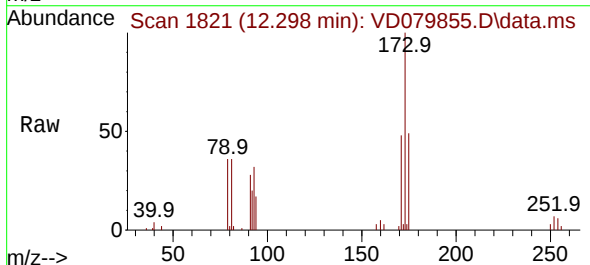
Tgt Ion:173 Resp: 34715

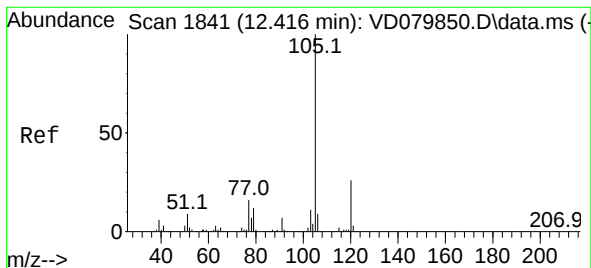
Ion Ratio Lower Upper

173 100

175 47.5 39.2 58.8

254 7.0 5.5 8.3





#60

Isopropylbenzene

Concen: 22.074 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

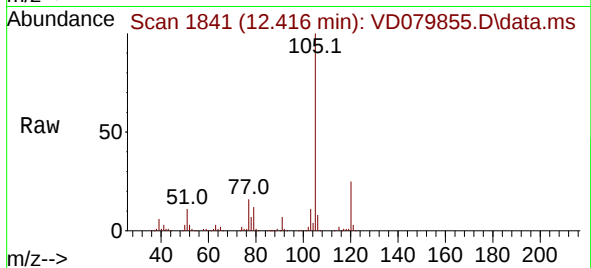
Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

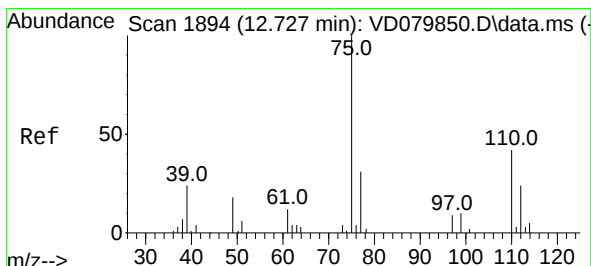
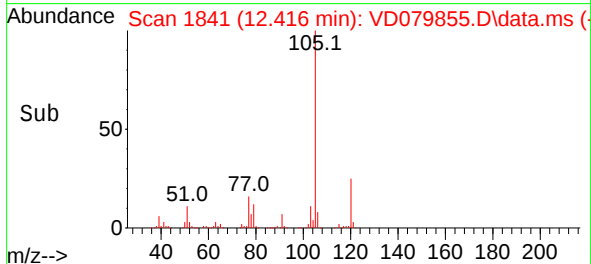
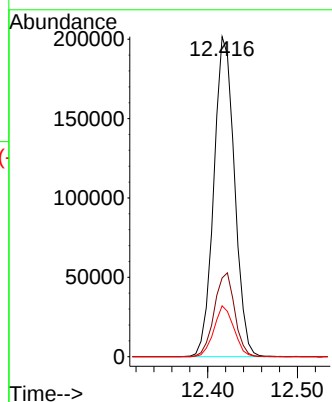
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	105	Resp:	322594
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.9	31.3
77	15.3	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 20.888 ug/L

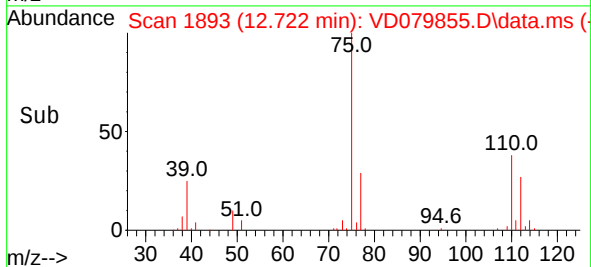
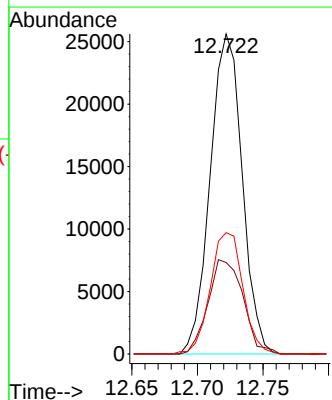
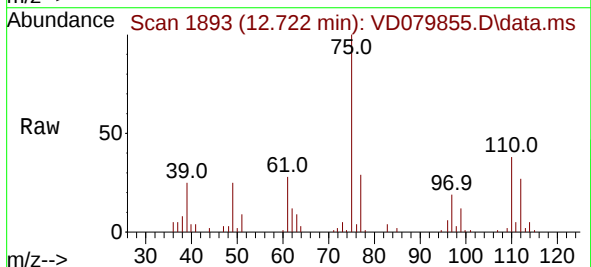
RT: 12.722 min Scan# 1893

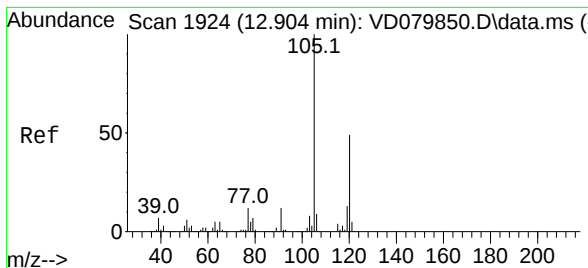
Delta R.T. -0.006 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Tgt Ion:	75	Resp:	43462
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7
110	38.6	30.1	45.1





#62

1,3,5-Trimethylbenzene

Concen: 24.139 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

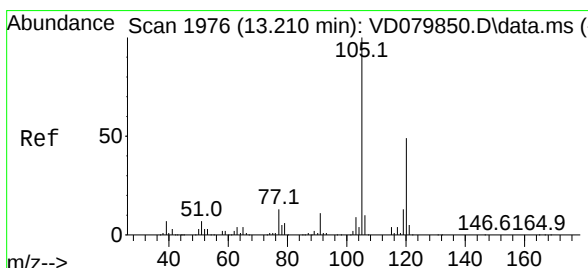
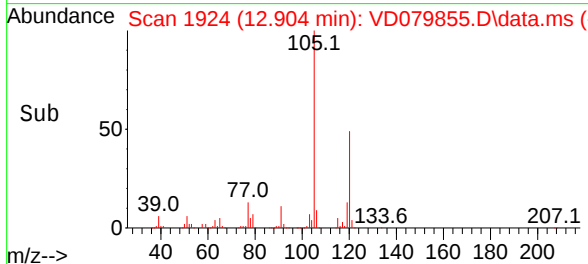
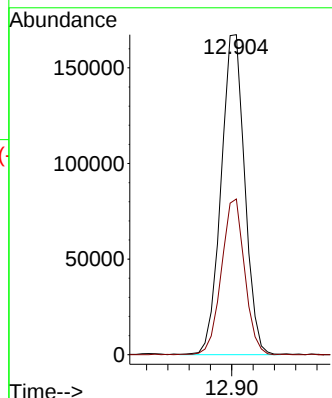
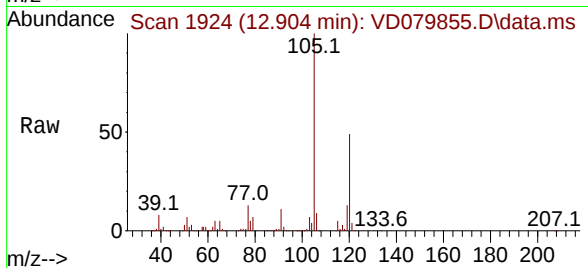
ClientSampleId :

Tgt Ion:105 Resp: 258000

Ion Ratio Lower Upper

105 100

120 47.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 23.315 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079855.D

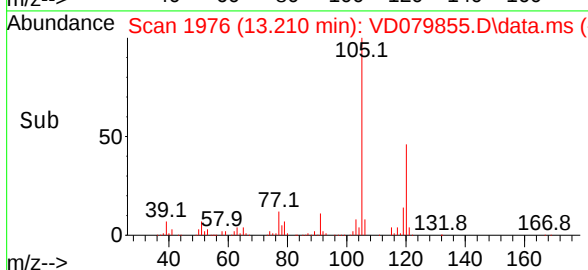
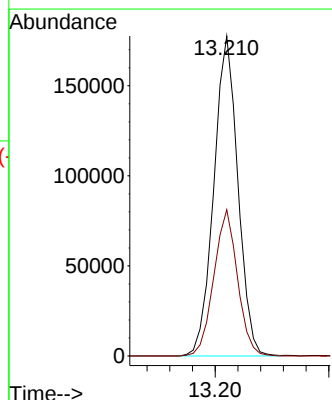
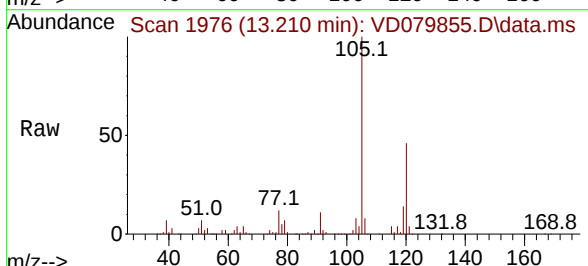
Acq: 17 Sep 2024 17:02

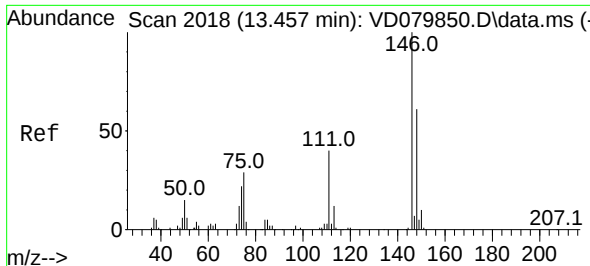
Tgt Ion:105 Resp: 261330

Ion Ratio Lower Upper

105 100

120 44.9 36.3 54.5

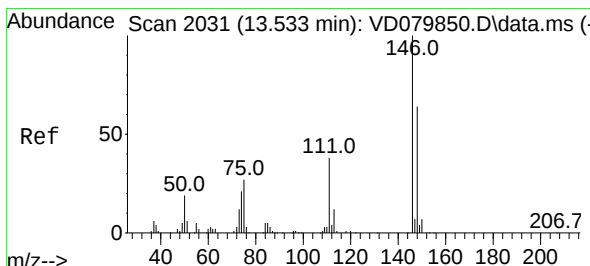
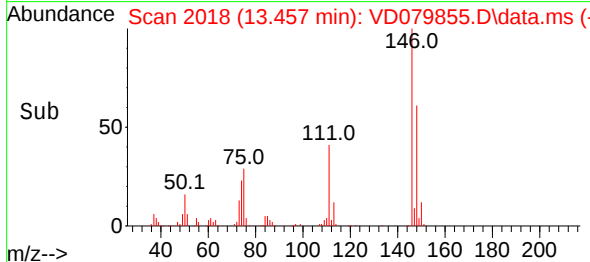
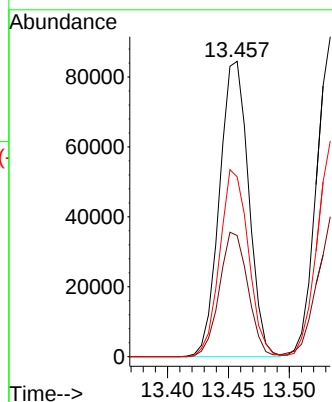
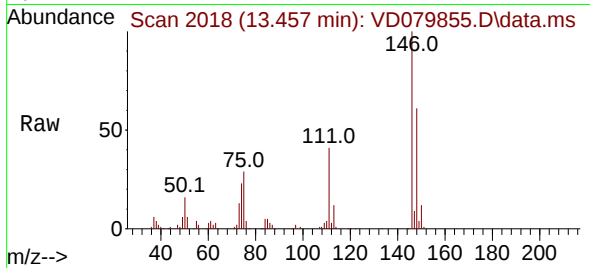




#64
1,3-Dichlorobenzene
Concen: 23.307 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

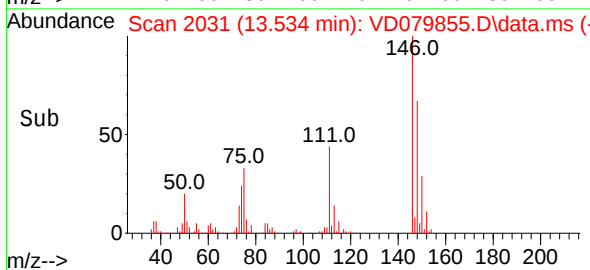
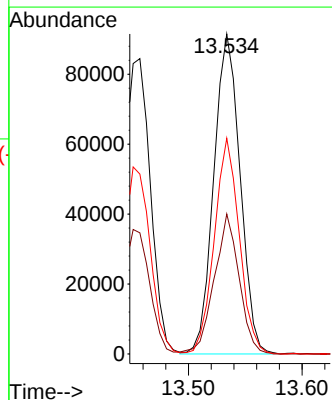
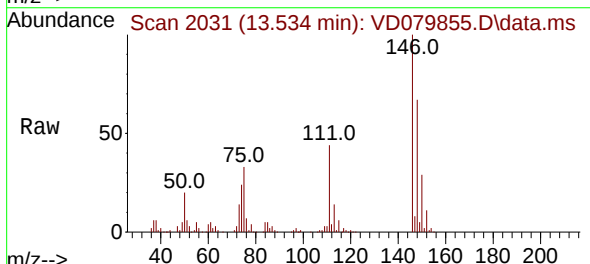
Instrument :
MSVOA_D
ClientSampleId :

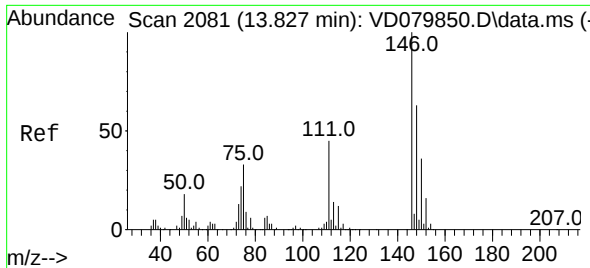
Tgt Ion:146 Resp: 140762
Ion Ratio Lower Upper
146 100
111 41.0 27.4 50.8
148 60.9 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 23.242 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion:146 Resp: 147232
Ion Ratio Lower Upper
146 100
111 43.8 27.6 51.4
148 67.4 46.1 85.7

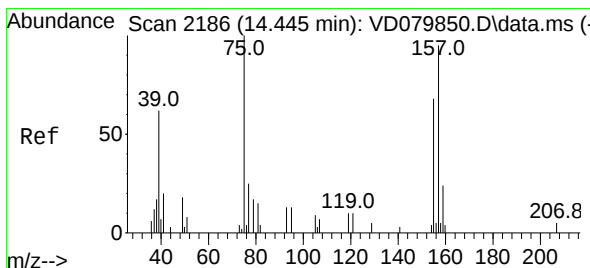
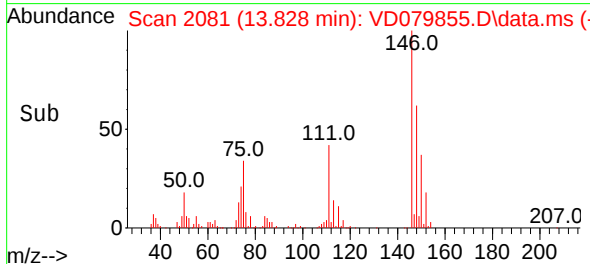
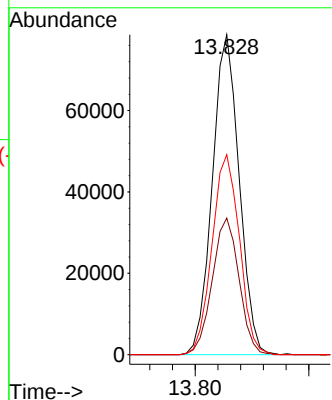
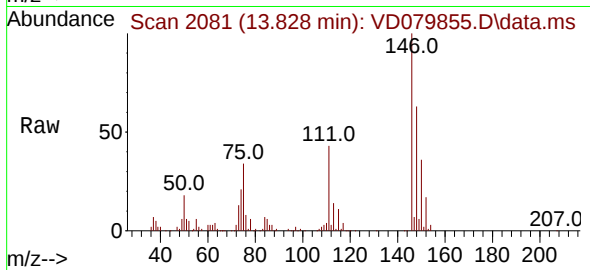




#67
1,2-Dichlorobenzene
Concen: 23.631 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

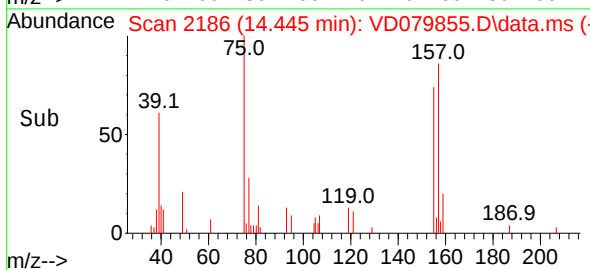
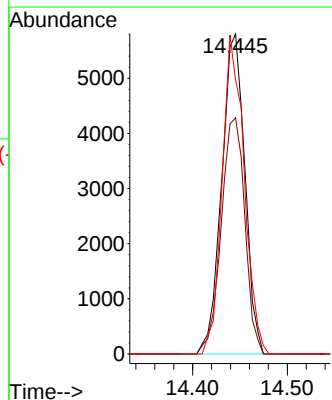
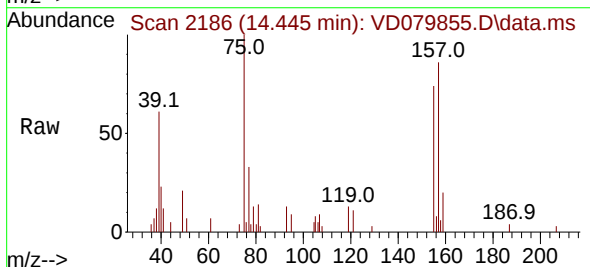
Instrument :
MSVOA_D
ClientSampleId :

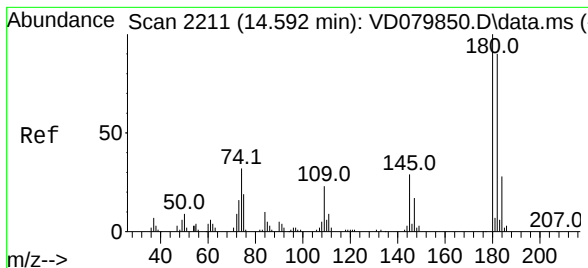
Tgt Ion:146 Resp: 128995
Ion Ratio Lower Upper
146 100
111 42.7 36.9 55.3
148 62.5 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 23.097 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079855.D
Acq: 17 Sep 2024 17:02

Tgt Ion: 75 Resp: 9833
Ion Ratio Lower Upper
75 100
155 73.8 57.2 85.8
157 85.7 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 23.235 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

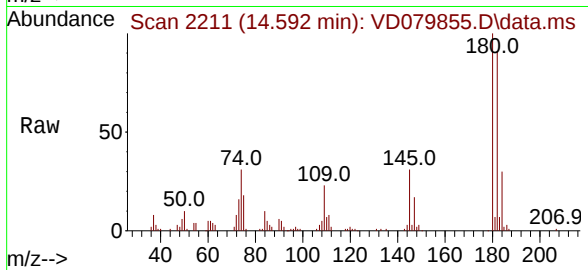
Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 85089

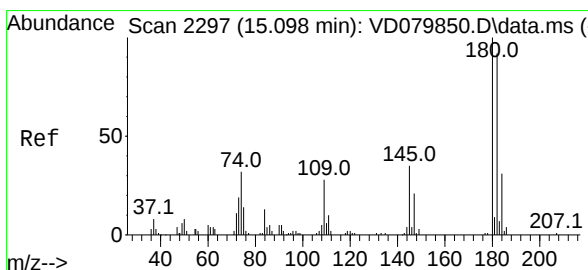
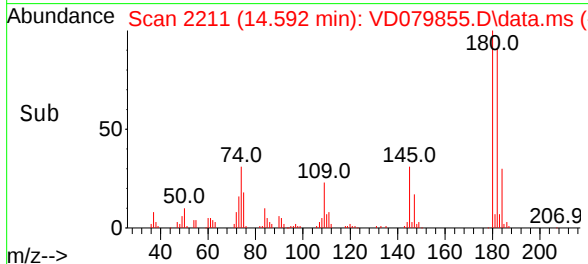
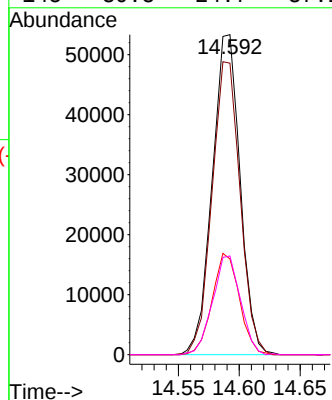
Ion Ratio Lower Upper

180 100

182 91.9 72.6 109.0

184 30.9 24.2 36.2

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.038 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

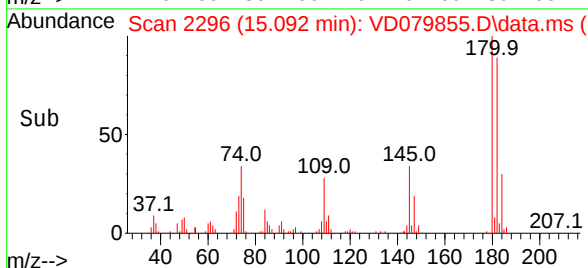
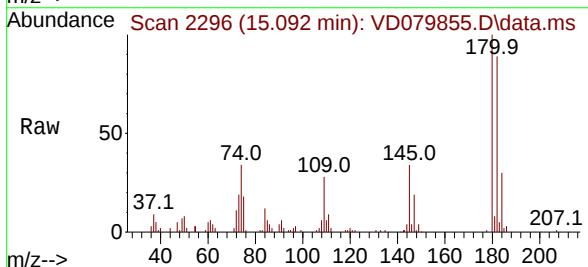
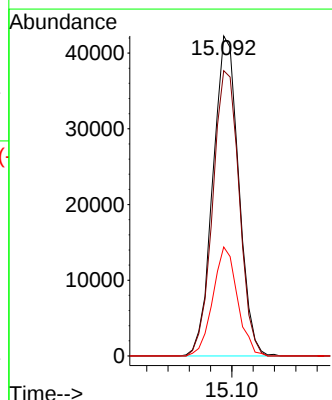
Tgt Ion:180 Resp: 71034

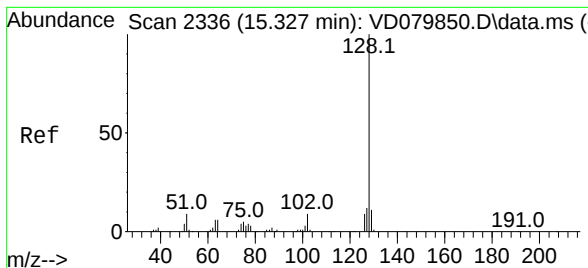
Ion Ratio Lower Upper

180 100

182 91.0 75.9 113.9

145 32.4 26.6 40.0





#71

Naphthalene

Concen: 22.132 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :

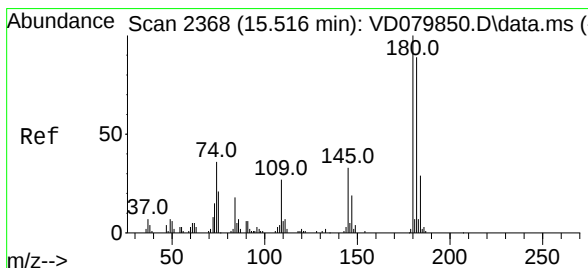
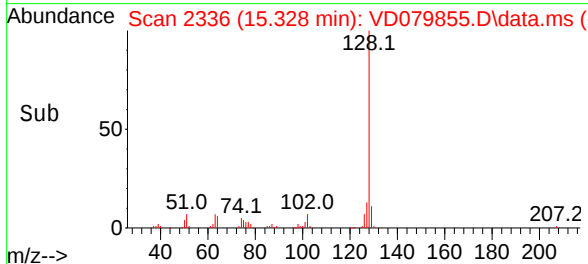
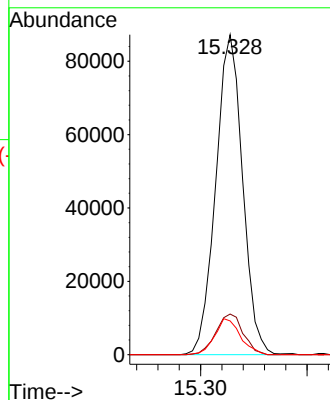
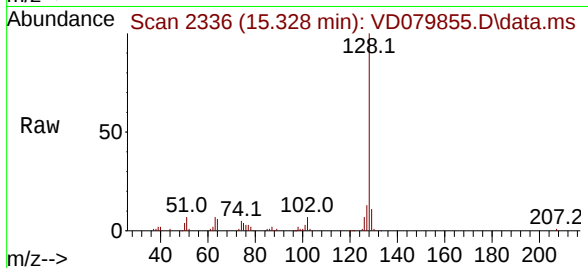
Tgt Ion:128 Resp: 152411

Ion Ratio Lower Upper

128 100

127 12.9 11.2 16.8

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 23.031 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079855.D

Acq: 17 Sep 2024 17:02

Tgt Ion:180 Resp: 63518

Ion Ratio Lower Upper

180 100

182 98.0 74.1 111.1

145 35.9 26.4 39.6

